



Maine Turnpike Authority

2016 Annual Inspection

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**Maine Turnpike Annual Inspection
2016**

Inspection Field Report
Prepared by: HNTB Corporation

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SECTION NAMES

Section 1	York
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ABBREVIATIONS

ABUT	Abutment
ADJ	Adjacent
APPR	Approach
APPROX	Approximately
BIT	Bituminous
BKWL	Backwall
BRG, BRGS	Bearing, Bearings
BOT	Bottom
BTW, BWTN	Between
CJ	Construction Joint
CNTR	Center
COL	Column
CONC	Concrete
COR	Corner
CRK, CRKG, CRKD	Crack, Cracking, Cracked
D, DP	Deep, Depth
DIAG	Diagonal
DIAPH	Diaphragm
DELAM	Delamination
DETER	Deterioration
DWL	Dashed White Line
E	East
EB	Eastbound
EFF, EFFLO	Efflorescence
EXP	Exposed
F	Face
FH	Full Height
FLG	Flange
FW	Full Width
GIRD	Girder
HVY	Heavy
HLC	Hairline Crack
HORIZ	Horizontal
HT	Height
JT	Joint

L	Long
LONG	Longitudinal
MOD	Moderate / Moderately
MOIST	Moisture
N	North
NB	Northbound
PARA	Parapet
PL	Plate
PVMT	Pavement
REINF	Reinforcing
S	South
SB	Southbound
SHLD	Shoulder
ST	Rust Staining
SWL	Solid White Line
SYL	Solid Yellow Line
T	Top
TRANS	Transverse
TYP	Typical
VEG	Vegetation
VERT	Vertical
W	West or Width
WB	Westbound
W/ RS	With Exposed Reinforcing Steel
WW	Wingwall

ADDITIONAL DRAINAGE

ACCOMP	Asphalt Coated Corrugated Metal Pipe
CMP	Corrugated Metal Pipe
HDO	High Drop-off
HDWL	Headwall
PWW	Paved Waterway
RCP	Reinforced Concrete Pipe
W/ ST	With Staining

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LEGEND FOR REPAIR COMMENTS - ALL HIGHWAY (NON-BRIDGE) ASSETS

RATING	DESCRIPTION
13	NOT INSPECTED - not visible, full of water or silt and/or covered with vegetation.
12	UNDER REPAIR by contract.
11	NOT APPLICABLE and/or no repair rating.
10	NEW CONDITION
9	GOOD CONDITION - no repairs needed.
8	GENERALLY GOOD CONDITION - potential exists for minor maintenance.
7	FAIR CONDITION - potential exists for major maintenance
6	GENERALLY FAIR CONDITION - potential exists for minor rehabilitation.
5	MARGINAL CONDITION - potential exists for major rehabilitation.
4	POOR CONDITION - repair or rehabilitation required immediately.
3	CRITICAL CONDITION- the need for rehabilitation is urgent. Facility should be closed until the indicated repair is complete.
2	CRITICAL CONDITION - facility is closed. Study should determine the feasibility for repair.
1	CRITICAL CONDITION - facility is closed and is beyond repair.

LEGEND FOR REPAIR REQUIRED

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LEGEND FOR REPAIR COMMENTS - BRIDGE ASSETS ONLY - DECK, SUPERSTRUCTURE, & SUBSTRUCTURE RATINGS

RATING	DESCRIPTION
13	NOT INSPECTED - element was not inspected due to high water
11	NOT APPLICABLE
10	UNDER REPAIR - element is being repaired or rehabilitated
9	EXCELLENT CONDITION
8	VERY GOOD CONDITION - no problems noted.
7	GOOD CONDITION - some minor problems.
6	SATISFACTORY CONDITION - structural elements show some minor deterioration.
5	FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.
4	POOR CONDITION - advanced section loss, deterioration, spalling or scour.
3	SERIOUS CONDITION - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.
2	CRITICAL CONDITION - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.
1	IMMINENT FAILURE CONDITION - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.
0	FAILED CONDITION - out of service - beyond corrective action.

LEGEND FOR REPAIR REQUIRED

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LEGEND FOR REPAIR COMMENTS - BRIDGE ASSETS ONLY - BURIED STRUCTURE RATINGS (e.g. Large Box & Arch Culverts)

RATING	DESCRIPTION
11	Not applicable. Use if structure is not a culvert.
9	No deficiencies.
8	No noticeable or noteworthy deficiencies which affect the condition of the culvert. Insignificant scrape marks caused by drift.
7	Shrinkage cracks, light scaling, and insignificant spalling which does not expose reinforcing steel. Insignificant damage caused by drift with no misalignment and not requiring corrective action. Some minor scouring has occurred near curtain walls, wingwalls, or pipes. Metal culverts have a smooth symmetrical curvature with superficial corrosion and no pitting.
6	Deterioration or initial disintegration, minor chloride contamination, cracking with some leaching, or spalls on concrete or masonry walls and slabs. Local minor scouring at curtain walls, wingwalls, or pipes. Metal culverts have a smooth curvature, non-symmetrical shape, significant corrosion or moderate pitting.
5	Moderate to major deterioration or disintegration, extensive cracking and leaching, or spalls on concrete or masonry walls and slabs. Minor settlement or misalignment. Noticeable scouring or erosion at curtain walls, wingwalls, or pipes. Metal culverts have significant distortion and deflection in one section, significant corrosion or deep pitting.
4	Large spalls, heavy scaling, wide cracks, considerable efflorescence, or opened construction joint permitting loss of backfill. Considerable settlement or misalignment. Considerable scouring or erosion at curtain walls, wingwalls or pipes. Metal culverts have significant distortion and deflection throughout, extensive corrosion or deep pitting.
3	Any condition described in Code 4 but which is excessive in scope. Severe movement or differential settlement of the segments, or loss of fill. Holes may exist in walls or slabs. Integral wingwalls nearly severed from culvert. Severe scour or erosion at curtain walls, wingwalls or pipes. Metal culverts have extreme distortion and deflection in one section, extensive corrosion, or deep pitting with scattered perforations.
2	Integral wingwalls collapsed, severe settlement of roadway due to loss of fill. Section of culvert may have failed and can no longer support embankment. Complete undermining at curtain walls and pipes. Corrective action required to maintain traffic. Metal culverts have extreme distortion and deflection throughout with extensive perforations due to corrosion.
1	Bridge closed. Corrective action may put back in light service.
0	Bridge closed. Replacement necessary.

LEGEND FOR REPAIR REQUIRED

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LEGEND FOR REPAIR COMMENTS - BRIDGE ASSETS ONLY - RIVER CHANNEL AND CHANNEL PROTECTION ITEMS

RATING	DESCRIPTION
11	Not applicable. Use when bridge is not over a waterway (channel).
9	There are no noticeable or noteworthy deficiencies which affect the condition of the channel.
8	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition.
7	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.
6	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.
5	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and brush restrict the channel.
4	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel.
3	Bank protection has failed. River control devices have been destroyed. Stream bed aggradation, degradation or lateral movement has changed the channel to now threaten the bridge and/or approach roadway.
2	The channel has changed to the extent the bridge is near a state of collapse.
1	Bridge closed because of channel failure. Corrective action may put back in light service.
0	Bridge closed because of channel failure. Replacement necessary.

LEGEND FOR REPAIR REQUIRED

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Chapter A

Bridges - Priority Summary

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Priority Summary - Bridge Repair

A **Group IV** bridge needs repair, but of a minor nature. This work can most likely be done by maintenance crews

A **Group III** bridge needs repair, but generally the structural safety of the bridge is not jeopardized at present

A **Group II** bridge should be repaired as soon as possible. However, the problem is such that a short delay is not likely to create a safety problem. If left too long, it will become a Group I Bridge.

A **Group I** bridge needs immediate repair. The problem is such that the safety of the highway is in danger if the repair is not made quickly. For example - heavy deterioration under bridge bearings, bearing excessively tilted to the point where the might roll off the rocker or shear the pintles, major bridge deck deterioration, weakened girders due to impact, etc.

Note: Not all bridges are included in the priority summary, only those requiring repair or rehabilitation are included in the summary.

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Priority Summary - Bridge Repair

Group IV	Mile	Last Inspection		Comment
		Year	Priority	
Ramp H Underpass	1.60	IV		Approaches, Joints
Wilson Road Underpass	2.00	IV		Deck condition, Approaches, Bearings
Ogunquit Road/Berwick Road Underpass	13.80	IV		Approaches
Capt. Thomas Road Underpass	14.80	IV		Joints, Paint
Tatnic Road Underpass	15.21	IV		Approaches
Littlefield Road Underpass	17.30	IV		Joints, Approaches
Sanford Rd./ Rte.9 &109 Overpass (Northbound)	19.10	IV		General condition
Sanford Rd./ Rte. 9 &109 Overpass. (Southbound)	19.11	IV		General condition
Wells Interchange Overpass (Northbound)	19.30	IV		Paint
Wells Interchange Overpass (Southbound)	19.31	IV		General condition
Burnt Mill Road Underpass	19.90	IV		General condition
Merriland River	21.40	IV		General condition
Coles Hill Road Underpass	21.70	IV		General condition
High Street / Rte. 9A Underpass	23.60	IV		Joints, General condition
Cat Mousam Road / Rte. 99 Underpass	24.70	IV		General condition
Alfred Rd / Rte. 35 Underpass	25.30	IV		Joints, Paint, Approaches
Eastern Trail Pedestrian Bridge	26.30	IV		Approaches
Limerick Road Underpass	28.30	IV		Approaches, Paint
Old Alfred Road Underpass	30.30	IV		General condition
Alfred Road / Rte. 111 Underpass	31.30	IV		Approaches
Biddeford Interchange Underpass	31.60	IV		Approaches (settlement), Paint
3rd Thacher Brook	32.20	IV		General culvert condition
South Street Underpass	32.80	IV		General condition
Boom Road Underpass	33.40	IV		Approaches, Paint
New County Road / Rte. 5 Underpass	34.40	IV		Approaches
North Street / Rte. 112 Underpass	35.30	IV		General Condition
Broad Turn Road Underpass	39.90	IV		Approaches, Paint

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Priority Summary - Bridge Repair

Group IV	Mile	Last Inspection		Comment
		Year	Priority	
Beech Ridge Road Underpass	41.40	IV		Paint
Two Rod Road Underpass	42.00	IV		Joints, Paint
Holmes Road Underpass	43.00	IV		Erosion, Approaches, Joints
Nonesuch River	43.40	IV		General culvert and channel condition
Payne Rd over Exit 45 ramps	44.91	IV		General condition
Congress Street / Rte. 22 Underpass	46.40	IV		General condition
Westbrook Street Underpass	47.10	IV		Approaches
Rand Road / Westbrook Interchange Underpass	47.30	IV		Joints, Approaches
Rand Road Connector Underpass	47.70	IV		Joints, Approaches
Fore River	47.80	IV		Channel condition
Brighton Avenue Underpass	48.30	IV		Joints
Presumpscot River (Northbound)	51.80	IV		General condition
Presumpscot River (Southbound)	51.81	IV		General condition
Mountain Road Underpass	53.40	IV		Approaches, Bearings
Piscataqua River - Structure # 28	55.50	III		Substructure
Forest Lake Brook	59.50	IV		General culvert condition
Center Road Underpass	62.90	IV		Paint (repaired in 2014)
Bennett Road Underpass	68.60	IV		Approaches, Drainage gutters
Snow Hill Road Underpass	70.80	IV		Deck
Bald Hill Road Overpass (Northbound)	71.60	IV		Bearings, Approaches
Bald Hill Road Overpass (Southbound)	71.61	IV		Bearings, Joints
St. Lawrence & Atlantic RR Overpass (Northbound)	74.50	IV		Paint
St. Lawrence & Atlantic RR Overpass (Southbound)	74.51	IV		Paint
Kittyhawk Avenue Underpass	75.00	IV		Steel work
Washington Street & MCRR Overpass (Northbound)	75.60	IV		Paint
Washington Street & MCRR Overpass (Southbound)	75.61	IV		Paint
South Main Street Underpass	77.60	IV		General condition

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Priority Summary - Bridge Repair

Group IV	Mile	Last Inspection		Comment
		Year	Priority	
Lisbon St. / Rte. 196 & MCRR Overpass (Northbound)	81.40	IV		Paint
Lisbon St. / Rte. 196 & MCRR Overpass (Southbound)	81.41	IV		Paint
Old Lisbon Road Underpass	81.80	IV		Substructure
No Name River	82.50	IV		General culvert condition (repaired in 2014)
Lisbon Road Underpass	84.30	IV		General condition (repaired in 2014)
Sabattus River (Northbound)	85.20	IV		Paint
Sabattus River (Southbound)	85.21	IV		Paint
Northern Maxwell Brook	86.11	IV		General culvert condition
Curtis Brook	87.20	IV		General culvert condition
Curtis Brook under FFR	87.49	IV		General culvert and channel condition
Marsh Road Underpass	89.10	IV		Approaches, Paint
Ferrin Road Underpass	91.00	IV		General condition (superstructure replacement 2014)
Center Road Underpass	91.90	IV		General condition
Cobbosseecontee Stream (Northbound)	99.20	IV		Approaches
Cobbosseecontee Stream (Southbound)	99.21	IV		Joints
Northern Avenue Overpass (Northbound)	104.60	IV		General condition
Maple Street Underpass	106.00	III		Under Construction
Vaughn Brook	106.94	IV		General channel condition
Route 9 Underpass / Falmouth Spur	FS3.6	IV		Approaches, Drainage gutters

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Priority Summary - Bridge Repair

Group III	Mile	Last Inspection		Comment
		Year	Priority	
Dennett Road (Northbound & Southbound)	0.60	III		Joints, Bearings, Steel work, Substructure, Paint
Route 236 Underpass	1.25	III		Approaches, Joints, Substructure
Ramp J	1.50	III		Joints, Approaches, Substructure
Ramp M	1.70	III		Abutments, Approaches
Spruce Creek	2.20	III		Joints, Bearings, Abutments
Cutts Road Underpass	3.10	III		Paint, Approaches
Beech Ridge Road Underpass	4.80	III		Steel work, Paint, Approaches, Bearings
York River (Northbound)	5.20	III		Substructure, Steel work, Bearings, Paint
York River (Southbound)	5.21	III		Substructure, Steel work, Bearings, Paint
Cider Hill Road Underpass	6.20	III		Deck, Paint, Approaches
York/Ogunquit Interchange Underpass	6.80	III		Substructure, Joints, Bearings
Cape Neddick River	9.60	III		General culvert condition
Mountain Road Underpass	10.60	III		Joints, Pier columns
Josias River	11.80	III		Poor culvert and channel condition
Clay Hill Road Underpass	11.90	III		Wearing Surface, Joints, Pier columns
Ogunquit River	15.20	III		Culvert wingwalls, Channel
Webhannet River	17.70	III		General culvert and channel condition
Crediford Brook	18.75	III		General culvert condition
Boston and Maine RR Overpass (Northbound)	19.00	III		Bearings, Steel work
Boston and Maine RR Overpass (Southbound)	19.01	III		Bearings, Steel work
Branch Brook	23.10	III		General culvert and channel condition
Mousam River (Northbound)	25.00	III		Bearings, Substructure, Steel work, Erosion
Mousam River (Southbound)	25.01	III		Bearings, Substructure, Steel work
Kennebunk River (Northbound)	27.20	III		Abutments, Channel
Kennebunk River (Southbound)	27.21	III		Abutments , Channel
2nd Thacher Brook	31.25	III		General culvert condition
Saco River (Northbound)	33.00	III		Steel work, Bearings, Paint

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Group III	Mile	Last Inspection		Comment
		Year	Priority	
Saco River (Southbound)	33.01	III		Steel work, Bearings, Paint
Saco Interchange Underpass (Westbound)	35.70	III		Bearings, Steel work, Paint
Saco Interchange Underpass (Eastbound)	35.71	III		Bearings, Steel work, Paint
Saco Spur Over RR	35.75	III		Approaches, Substructure
Cascade Brook	37.56	III		General culvert and channel condition
Flag Pond Road Underpass	38.10	III		Approaches, Steel work
Scarborough Interchange Underpass	42.50	III		Piers, Paint
Gorham Road Underpass	44.00	III		Bearings, Steel work, Joints
Gorham Road Over I-295 SB Ramp	44.01	III		Joints, Bearings, Steel work, Paint
I-295 Southbound Underpass	44.30	III		Joints, Bearings, Steel work, Paint
Red Brook	44.40	III		General channel and culvert condition
I-295 Over Payne Road (Northbound)	44.50	III		Joints, Approaches
I-295 Over Payne Road (Southbound)	44.51	III		Joints, Approaches
Cummings Road (Spring Street) Underpass	44.60	III		General condition
S. Portland Interchange Underpass	44.90	III		Bearings, Steel work, Piers
Running Hill Road Underpass	45.40	III		Approaches, Joints, Bearings, Paint
Jetport / Congress St. Interchange Underpass	46.30	III		Joints, Substructure
Stroudwater River (Northbound)	46.70	III		General condition
Stroudwater River (Southbound)	46.71	III		General condition
Maine Central RR Overpass (Northbound)	47.90	III		Joints, Bearings
Maine Central RR Overpass (Southbound)	47.91	III		Bearings
Warren Avenue Overpass (Northbound)	49.00	III		General condition
Warren Avenue Overpass (Southbound)	49.01	III		General condition
Forest Avenue Overpass (Northbound)	50.00	III		Bearings, Steel work, Paint
Forest Avenue Overpass (Southbound)	50.01	III		Steel work, Collision damage, Abutments
Deering Brook	50.75	III		General culvert and channel condition
Riverside Street Overpass (Northbound)	51.20	III		Approaches, Steel work, Bearings, Erosion

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Group III	Mile	Last Inspection		Comment
		Year	Priority	
Riverside Street Overpass (Southbound)	51.21	III		Approaches, Steel work, Bearings, Erosion
Falmouth Spur Interchange Underpass	51.60	III		Steel work, Paint
Blackstrap Road Underpass	52.00	III		Paint, Substructure
West Falmouth / Cumberland Interchange Underpass	52.40	III		Paint, Steelwork
Leighton Road Underpass	52.60	III		Approaches, Paint, Steel work
Piscataqua River Relief Channel	55.57	III		General culvert condition
Hurricane Road Underpass	56.60	III		Approaches
Hurricane Road Over Piscataqua River	56.61	III		Substructure
Piscataqua River - Structure #31	56.70	III		Substructure
Blackstrap Road Underpass	58.30	III		Pier columns, Bearings
Dutton Hill Road Underpass	59.90	III		Curbs, Bearings, Collision damage
Eagles Nest Road Overpass (Northbound)	60.80	III		Bearings, Paint
Eagles Nest Road Overpass (Southbound)	60.81	III		Bearings, Paint
Hunts Hill Road Overpass (Northbound)	61.60	III		Steel work, Paint
Hunts Hill Road Overpass (Southbound)	61.61	III		Steel work, Paint
Pleasant River	62.30	III		Wingwalls
Gray Interchange Underpass	63.10	III		Deck, Approaches, Joints, Substructure
West Gray Road/Route 202 Underpass	63.30	III		Substructure, Joints, Paint
Shaker Road/Route 26 Underpass	64.30	III		General condition
Cole Brook	65.25	III		Wingwalls
Weymouth Road Underpass	66.20	III		Approaches, Joints, Paint, Substructure
Royal River (Northbound)	71.10	III		Bearings, Approaches, Paint
Royal River (Southbound)	71.11	III		Bearings, Approaches, Paint
Foster Brook (3-72" RCP)	72.90	III		General condition
Poland Spring Road / Rte. 122 Underpass	74.00	III		Bearings, Paint, Approaches, Joints
Auburn Interchange (Northbound)	75.30	III		Collision damage
Auburn Interchange (Southbound)	75.31	III		Collision damage

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Group III	Mile	Last Inspection		Comment
		Year	Priority	
Danville Corner Road Underpass	75.80	IV		General condition
Hackett Road Underpass	76.90	IV		Joints, Approaches
Androscoggin River (Northbound)	78.90	III		General condition
Androscoggin River (Southbound)	78.91	III		General condition
River Road Overpass (Northbound)	79.40	III		Bearings, Paint
River Road Overpass (Southbound)	79.41	III		Bearings, Steel work
Southern Hart Brook	79.56	III		Erosion, Wingwalls
Goddard Road Overpass (Northbound)	79.60	III		Bearings, Steel work, Paint, Collision damage
Goddard Road Overpass (Southbound)	79.61	III		Bearings, Steel work, Paint
Ferry Road Overpass (Northbound)	80.80	III		General condition, Substructure
Ferry Road Overpass (Southbound)	80.81	IV		General condition
Webster Road Underpass	82.70	III		Steel work, Paint
Grove Street Underpass	83.70	III		Joints, Substructure
Southern Maxwell Brook	85.80	III		General culvert condition
Middle Road / Rte. 9 Interchange Underpass	86.10	IV		General condition
Fisher Farm Road Underpass	87.50	III		Joints, Substructure
Maxwell Road Underpass	90.00	III		Steel work, Paint
Richmond Road (Rt. 197)	93.30	IV		General condition
Small Road Underpass	95.10	III		General condition
Plains Road Underpass	95.60	III		Steel work, Bearings, Paint
Stevenstown Road Underpass	96.50	III		Approaches, Joints, Pier columns, Bearings
Potters Brook	96.62	III		Wingwalls condition
Route 126 Underpass	101.70	III		General condition
Gardiner / Litchfield Interchange Underpass	102.00	III		Bearings, Steel work, Paint
Ramp E Underpass (I-295 Toll plaza)	102.01	III		Steel work, Abutments
I-295 Southbound Underpass	102.50	III		Steel work, Paint
High Street Underpass	103.60	III		Steel work, Paint, Bearings, Wearing surface

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Priority Summary - Bridge Repair

Group III	Mile	Last Inspection		Comment
		Year	Priority	
Northern Avenue Overpass (Southbound)	104.61	III		General condition
Central Street Overpass (Northbound)	107.70	III		General condition, Bearings
Central Street Overpass (Southbound)	107.71	III		General condition
Winthrop Road Underpass	108.30	III		Deck, Parapet, Collision damage, Substructure
Blackstrap Road Overpass/Falmouth Spur	FS0.3	III		Steel work, Paint
MCRR Overpass (Eastbound)/ Falmouth Spur	FS0.4	III		Steel work, Paint
MCRR Overpass (Westbound)/ Falmouth Spur	FS0.41	III		Steel work, Paint
Auburn Street Underpass / Falmouth Spur	FS0.6	III		Bearings, Steel work, Paint
Presumpscot River (Eastbound) / Falmouth Spur	FS1.1	III		Steel work, Paint
Presumpscot River (Westbound) / Falmouth Spur	FS1.11	III		Steel work, Paint
Falmouth Rd Underpass / Falmouth Spur	FS1.6	III		Approaches, Steel work, Paint

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Priority Summary - Bridge Repair

Group II	Mile	Last Inspection		Comment
		Year	Priority	
None				

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Priority Summary - Bridge Repair

Group I	Last Inspection		Comment
	Mile	Year Priority	
None			

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Chapter B

Bridges

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YORK

MILE 0.3 to MILE 20.0

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SECTION: 1 Miles: 0.30 to 20.0

BRIDGE SUMMARY: York

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating
Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns

Hand rails/Parapets: Average of Railing and Parapet

Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
0.60	Dennett Road (Northbound & Southbound)	0	7	6	7	4	7	6	6	5	5	6	5	11	11	6	5	6	11	11
1.25	Route 236 Underpass	U	5	7	7	5	6	7	6	6	6	11	6	6	11	7	5	6	11	11
1.50	Ramp J	O	5	6	7	4	6	6	7	6	6	6	7	6	11	6	5	7	11	11
1.60	Ramp H Underpass	U	5	7	7	5	6	7	7	7	6	11	7	6	11	7	7	7	11	11
1.70	Ramp M	O	6	7	7	11	8	7	7	7	9	5	7	11	11	7	6	7	11	11
2.00	Wilson Road Underpass	U	5	5	7	6	6	7	7	6	9	11	7	6	11	7	7	7	11	11
2.20	Spruce Creek	O	6	7	7	5	7	6	7	5	6	11	6	11	11	6	6	7	7	11
3.10	Cutts Road Underpass	U	5	6	7	7	4	7	6	7	5	11	7	6	11	7	7	6	11	11
4.80	Beech Ridge Road Underpass	U	6	7	5	5	5	7	6	6	5	11	7	6	11	7	7	6	11	11
5.20	York River (Northbound)	O	7	7	7	7	8	6	5	7	6	11	7	11	11	6	6	5	7	11
5.21	York River (Southbound)	O	7	7	7	7	8	6	5	7	6	11	7	11	11	6	6	5	7	11
6.20	Cider Hill Road Underpass	U	4	6	7	7	4	7	6	6	4	11	7	5	11	7	7	6	11	11
6.80	York/Ogunquit Interchange Underpass	U	6	7	7	5	7	6	6	6	8	11	6	6	11	6	6	6	11	11
9.60	Cape Neddick River	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	7	6
10.60	Mountain Road Underpass	U	6	7	7	7	6	7	6	7	5	6	6	7	11	7	5	6	11	11

Maine Turnpike Annual Inspection 2016

Inspection Field Report Prepared by: HNTB Corporation

SECTION: 1 **Miles: 0.30 to 20.0**

BRIDGE SUMMARY: York

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
11.80	Josias River	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	7	6
11.90	Clay Hill Road Underpass	U	7	7	8	6	8	7	6	7	6	11	7	6	11	7	7	6	11	11
13.80	Ogunquit Road/Berwick Road Underpass	U	5	11	7	7	6	7	7	7	6	11	7	6	11	7	7	7	11	11
14.80	Capt. Thomas Road Underpass	U	7	11	8	5	7	7	7	7	5	11	8	8	11	7	7	7	11	11
15.20	Ogunquit River	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	5	5
15.21	Tatnic Road Underpass	U	6	11	8	7	7	7	7	7	7	11	7	7	11	7	7	7	11	11
17.30	Littlefield Road Underpass	U	5	11	7	5	6	7	7	7	6	11	7	7	11	7	7	7	11	11
17.70	Webhannet River	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	4	6
18.75	Crediford Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	7	4
19.00	Boston and Maine RR Overpass (Northbound)	O	7	11	5	5	7	7	5	4	7	11	7	11	6	7	6	5	11	11
19.01	Boston and Maine RR Overpass (Southbound)	O	7	11	6	5	7	7	5	4	7	11	7	11	7	7	7	5	11	11
19.10	Sanford Rd./ Rte.9 &109 Overpass (Northbound)	O	7	11	6	6	7	7	7	7	6	11	7	11	11	7	7	7	11	11
19.11	Sanford Rd./ Rte. 9 &109 Overpass. (Southbound)	O	7	11	6	6	7	7	7	7	7	11	7	11	11	7	7	7	11	11
19.30	Wells Interchange Overpass (Northbound)	O	7	11	6	11	8	7	7	7	5	11	7	11	11	7	7	7	11	11
19.31	Wells Interchange Overpass (Southbound)	O	7	11	6	11	7	7	7	7	6	11	7	11	11	7	7	7	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 1 Miles: 0.30 to 20.0

BRIDGE SUMMARY: York

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
19.90	Burnt Mill Road Underpass	U	6	11	8	7	7	7	7	7	8	11	7	7	11	7	7	7	11	11

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 0.6	Dennett Road (Northbound & Southbound)	INSPECTOR(S): KEB BRG
	STR NO.: 6275		INSPECTION DATE: 03/29/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	4	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	5	2. Steel Work	6
3. Condition Below	6	3. - Seat	5	3. Collision Damage	6
4. Curbs	6	4. - Erosion	7	4. Paint	5
5. Median	7	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	7	8. - Scour	11		
9. Drains	5	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	5	11. Debris on Seats	4		
12. Deck Joints	4	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	5
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: BOTH ABUT: Edge of deck w/ 3"D delam/spalling w/ exposed reinf throughout. LONG JT: Beam W11 overhang w/ fw (1'W) x 1.5"D spalling w/ exposed reinf for most of span. W OVERHANG: 10"W delam half of span. E OVERHANG: Fw (16"W) delam throughout. 4'L x fw x 1"D spall w/ exposed reinf at S 1/4 point.
4: E CURB: Minor conc spalling along interface w/ granite. Top w/ 3.5'L x 10"W x 2.5"D spalling at S 1/4 point.
5: Median guardrail w/ minor collision damage throughout.
9: Hvy debris accumulation on scupper pans & up to 60% clogged grates, downspouts open.
11: N ABUT: Conduit conn clips w/ mod rust & scattered detached, some new clips installed. E end of conduit w/ 3 failed couplings w/ exposed wires. W OVERHANG: Threaded rod supports & couplings w/ hvy rust. 3 threaded rod supports failed/sheared near S abut.
12: NB: Both jts w/ seal deter & pulled out of extrusion throughout. S jt armor w/ hvy plow damage causing reduced (pinched) jt opening. SB: S jt APJ. N jt gland seal.

SUBSTRUCTURE

1: SW WW: 3'L x up to 2.5'H delam w/ 1.5"D spalling w/ exposed reinf. SE WW: Extensive up to 1/4"W mc w/ mod eff throughout. NE and NW WW: Extensive 1/8"W mc w/ mod eff throughout.
2: BOTH ABUT: Extensive horiz/map hlcs w/ moist throughout, some eff. S ABUT: Repair btwn beams E3-E6 w/ hvy eff. N ABUT: E end w/3'L x up to 8"H x up to 3.5"D spall w/ punky conc, exposed deck jt armor & 10"L delam along diag crk x remaining height.
3: S BREASTWALL: Scattered horiz hlcs w/ moist or minor eff. 2'L x 3'H delam at beam W2. 2'L x 2'H delam at beam E8. N BREASTWALL: Horiz/map hlcs w/ moist throughout. 1.5'L x 2'H delam at beam E2. Up to 1/8"W horiz crk w/ mod eff & moist for full length below weep drains.
11: BOTH ABUT: Hvy debris accumulation throughout. S ABUT: Debris covering brgs & inhibiting proper brg movement.

SUPERSTRUCTURE

1: BOTH ABUT: Mod-hvy rust. S ABUT: Hvy rust accum at rocker bases. Minor abrasion dust. Brgs E1 - E3 fully expanded (tilted back). N ABUT: Fascia brgs w/ up to 50% anchor bolt & nut loss.
2: BOTH ABUT: Fascia beams w/ hvy rust & 1/16" web loss x lower 6" on one/both faces. Interior beam webs w/ minor rust x lower 6".
3: Beams W1, W7, W11 & E10 w/ minor collision scrapes on underside of bot flg over WB.
4: Failed paint system on brgs, beam E1 exterior web, beam bot flg edges throughout & beam top flgs at shear studs & abuts. Remaining paint faded & chalky.

HNTB Corporation

BRIDGE

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 1.5	Ramp J (I95 NB Off-Ramp over Rte. 1 SB & Ramp M)		INSPECTOR(S): KEB BRG
	STR NO.: 6278			INSPECTION DATE: 03/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices 6
2. Condition Above	13	2. - Backwall	5	2. Steel Work 7
3. Condition Below	6	3. - Seat	5	3. Collision Damage 6
4. Curbs	6	4. - Erosion	7	4. Paint 6
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	8	
7. Parapet	11	7. - Columns	8	
8. Railing	7	8. - Scour	11	
9. Drains	5	9. - Settlement	11	
10. Lighting Standard	7	10. Misc	11	FHWA Ratings
11. Utilities	7	11. Debris on Seats	6	58. Overall Deck Rating 6
12. Deck Joints	4	12. Fencing	11	59. Overall Superstructure Rating 7
13. Approaches	5	13. Slope Pavement	6	60. Overall Substructure Rating 5
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

1: 18"L x 9'W x full depth (2.5") failed bit patch/pothole along E jt exposing top of deck. SPAN W1: 12'L x 2.5'W bit patch depressed 3/4". N SHLD: Up to 16"W delam along curbline throughout.
3: BAYS N1 & S1: Scattered trans hlcs w/ minor eff or moist, concentrated near piers. W ABUT: Edge of deck w/ minor delam/spalling due to open deck jt. BOTH OVERHANGS: Scattered minor trans crks w/ minor eff & moist, concentrated near piers.
4: N CURB: End 1.5'L granite section at W abut broken. Granite section at E abut shifted 2.5" into rdwy. Minor conc fascia spall at E abut.
8: BOTH RAILINGS: Minor plow scrapes throughout. E RAILING: Isolated rail posts w/ minor plow gouges.
9: Scupper grates w/ up to 4 broken bars, remaining bars w/ hvy loss.
12: E JT: Open, no seal. SW corner, backwall spalled at jt armor. W JT: Fingers shifted. Bridge armor lower than approach armor by 1/2".
13: W APPR: Mod pvmt crks in shlds. E APPR: 10"W pvmt break-up along deck jt. Scattered mod trans/long pvmt crks.

SUBSTRUCTURE

1: ALL WWs: Areas of map hlcs w/ moist.
2: BOTH ABUT: Extensive hlc w/ mod eff & moist throughout.
3: BOTH ABUT: Breastwalls & pedestals w/ extensive minor crkg w/ mod eff, moist & rust staining throughout. W BREASTWALL: 2.5'L x 7'H delam w/ mod eff at beam N2. E BREASTWALL: 2'L x 2.5'H delam in bay N1. 2'L x fh delam w/ 20"L x 4'H x 3.5"D spall w/ exposed reinf in bay N2.
11: W ABUT: Mod debris accumulation due to open deck jt.
13: BOTH ABUT: Mod debris accumulation at base. E ABUT: Minor spalling and cracking at abut at N end. W. ABUT: Minor settlement in first row - up to 1".

SUPERSTRUCTURE

1: BOTH ABUT: Areas of mod rust. Minor rust accumulation at rocker bases.
2: SPAN W1: Beam N1 w/ twisted diaph conn pl near W abut.
3: SPAN W1: N half of beam N1 bot flg bent down 1/2" x 8"L x 4"W. N half of beam N2 bot flg bent up 3/4" x 8"L x fw.
4: BOTH ABUT: Failed paint system on brgs. W ABUT: Beams ends w/ end 6" x fh failed paint. SPAN E1: Beam bot flgs w/ areas of failed paint.

**Maine Turnpike Annual Inspection
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Inspection Field Report
HNTB Corporation**

SECTION 1		MILE: 1.6 STR NO.: 6277	Ramp H (I95 SB On-Ramp over I95)		INSPECTOR(S): KEB BRG INSPECTION DATE: 03/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	11	7. - Columns	8		
8. Railing	7	8. - Scour	11		
9. Drains	9	9. - Settlement	7		
10. Lighting Standard	7	10. Misc	11		
11. Utilities	5	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	11		
13. Approaches	5	13. Slope Pavement	6		
14. Fencing	9	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: 6'L x 2.5'W patch at E end. Scattered areas of patching. Noticeable wear along south wheel line.

3: ALL BAYS: Scattered minor trans crks concentrated near pier. BOTH OVERHANGS: Minor trans/map crks w/ moist throughout.

4: BOTH CURBS: Numerous long hlc's w/ moist on top throughout.

8: BOTH RAILINGS: Minor plow scrapes throughout.

11: SPAN E1: Conduit along beam N1 resting on diaphs due to numerous disconnected/failed supports.

12: BOTH JTs: Mod wear. W JT: W fingers 3/8" higher than E in rdwy, 3/4" higher in shlds. S 1/4 of E jt armor w/ 5.5'L x 3"W x 3/4"D loss. E JT: Minor plow gouges. Fingers in contact for most of length.

13: BOTH APPR: Endposts w/ map hlc w/ moist. W APPR: Minor trans crks in pvmt along deck jt. E APPR: Mod trans and long cracks in pavement.

SUBSTRUCTURE

1: SW & NW Ws: Map hlc w/ moist and eff throughout.

3: BOTH ABUT: Scattered minor vert crks.

13: BOTH ABUT: Mod vegetation from jts. Mod sand accumulation at base. W ABUT: Areas of up to 2" settlement.

SUPERSTRUCTURE

1: BOTH ABUT: Painted over loss w/ mod impacted rust left in place.

2: Beam bot flg splices w/ up to 1/4" impacted rust.

4: Beam bot flgs w/ scattered areas of failed paint, particularly over SB. BOTH ABUT: Areas of failed paint on beam ends & brgs.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 1.7	Ramp M (I95 SB On-Ramp over Ramp M)	INSPECTOR(S):	KEB BRG	
	STR NO.: 6222		INSPECTION DATE: 03/29/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	6	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	6	3. Collision Damage	5
4. Curbs	7	4. - Erosion	7	4. Paint	9
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	11	7. - Columns	8		
8. Railing	7	8. - Scour	11		
9. Drains	5	9. - Settlement	11		
10. Lighting Standard	7	10. Misc	6		
11. Utilities	7	11. Debris on Seats	8		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	9	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: N OVERHANG: Scattered minor vert crks w/ eff.

4: N CURB: Scattered minor vert crks w/ eff on fascia.

8: BOTH RAILINGS: Minor plow scrapes throughout. Isolated minor gouges.

9: Hvy debris accumulation on scupper pans & up to 75% clogged grates, downspouts open.

11: N ABUT: Mod rust of couplings & supports.

13: W APPR: 1/2"W fw trans crk in pvmt at abut. Scattered mod long/trans crks in pvmt. E APPR: Mod fw trans crk in pvmt at abut. 20"L x 20"W x up to 3'D settlement in S shld. Open utility access hole on S embankment.

SUBSTRUCTURE

1: NW & NE WWS: Scatted minor horiz crks w/ mod eff & rust staining. SE WW: Areas of map hlcs w/ moist. 1'L delam along vert cj.

3: BOTH BREASTWALLS: 1/32"W mc w/ moist throughout.

10: SE WW: Trees extending to bridge rail.

SUPERSTRUCTURE

2: Beam bot flgs w/ areas of painted over minor pitting.

3: SPAN W1, BEAM S1 AT MIDSPAN: Approx 1" sweep in bot flg over 8'L. S half bot flange bent up 1.5" x 12"L x 4"W & adj 2"L x 3/4"W x full depth gouge in edge.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 2		Wilson Road Underpass		INSPECTOR(S): KEB BRG	
STR NO.: 6223						INSPECTION DATE: 03/29/2016	
DECK		SUBSTRUCTURE		SUPERSTRUCTURE			
1. Wearing Surface	6	1. Abutments	- Wings	6	1. Bearing Devices	6	
2. Condition Above	13	2.	- Backwall	6	2. Steel Work	7	
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11	
4. Curbs	5	4.	- Erosion	7	4. Paint	9	
5. Median	11	5.	- Settlement	11	5. Misc.	11	
6. Sidewalk	11	6. Piers	- Caps	8			
7. Parapet	11	7.	- Columns	7			
8. Railing	7	8.	- Scour	11			
9. Drains	5	9.	- Settlement	11			
10. Lighting Standard	11	10. Misc		5			
11. Utilities	5	11. Debris on Seats		8			
12. Deck Joints	6	12. Fencing		4			
13. Approaches	5	13. Slope Pavement		6			
14. Fencing	5	14. Drainage Gutters		11			
				FHWA Ratings			
				58. Overall Deck Rating		7	
				59. Overall Superstructure Rating		7	
				60. Overall Substructure Rating		7	
				61. Overall Channel Rating		11	
				62. Overall Culvert Rating		11	

DECK

1: EB: 3"L x 16"W x 1.5"D pothole at W jt. 12"L x 9"W x 2"D pothole above W pier. BOTH SHLD: Mod wear & minor mc throughout. 1"W gap & 18"W delam along curbline throughout. N SHLD: Several areas of 2"W gap along curbline causing top of deck spall near E pier in span E2.

2: N SHLD: Areas of 2"W x 2.5"D spalling of top of deck due to gap in pvmt along curbline near E pier in span E2.

3: ALL BAYS: Scattered minor trans crks throughout. BOTH OVERHANGS: Scattered minor trans crks throughout.

4: BOTH CURBS: Hlcs w/ eff & moist throughout. S FASCIA: Extensive up to 1/8"W long crks w/ mod eff throughout, particularly over rdwy. Scattered 5'L x 6"W x 6"H exterior cor delam throughout. N FASCIA: Up to 1/8"W long crks throughout.

8: BOTH RAILINGS: Minor plow scrapes throughout.

9: Scupper grate bars w/ hvy loss/broken. Hvy debris accumulation on scupper pans, downspouts open.

11: BAY S1: Mod rust of conduits over rdwy. BAY N1: Hvy rust of threaded rod U bolt supports.

12: BOTH JTS: Mod wear & minor plow gouges in jt armor. Filled w/ sand.

13: BOTH APPR: Pvmt w/ mod trans/long crks & bit patches throughout. Minor rutting. Endposts w/ minor mc w/ moist & eff. W APPR: N endpost w/ minor mc throughout & multiple up to 1/2"W long crks x full length.

SUBSTRUCTURE

1: ALL WWs: Extensive map hlc w/ moist and/or minor eff.

2: W ABUT: 1/32"W horiz crks throughout. Isolated map hlcs w/ minor eff. 12"L x 12"H x 1.5"D spall around deck jt armor at N end. E ABUT: 1/32"W mc throughout, concentrated at ends w/ minor eff.

3: BOTH BREASTWALLS: Vert hlc at pedestals

7: E PIER: S col w/ 4"L x 2'H x 6"W cor spall w/ exposed reinf.

10: Trees adj to bridge, some branches extending into rdwy. NE EMBANKMENT: 4'L x 6'W x 2'D dug hole.

12: SW & NW wire fence down.

13: BOTH ABUT: Minor vegetation from jts. Hvy debris and mod vegetation at base. W ABUT: 1 panel at N end settled 1.5". Up to 3.5"W gap at long panel jt.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 2	Wilson Road Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 6223		INSPECTION DATE: 03/29/2016

SUPERSTRUCTURE

1: BOTH ABUT: Minor painted over pitting. Up to 20% painted over anchor bolt nut loss. Fascia brgs w/ 1/4" loss of masonry pl under rocker & raised up to 5/16" due to impacted rust at rocker base. W ABUT: Interior brgs raised up to 3/16" due to impacted rust at rocker base. Brg N1 - N3 w/ minor abrasion dust, may be frozen. Brgs N2 & N3 contracted (60 deg), others plumb. E ABUT: Isolated brgs w/ minor abrasion dust.

2: W ABUT: Fascia beams w/ 1/8" painted over web loss x 4.5"H (S1 lower web, N1 upper web). E ABUT: Beam N1 w/ 1/8" painted over web loss x fh beyond brg.

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 2.2		INSPECTOR(S): KEB BRG
	STR NO.: 6224	Spruce Creek	INSPECTION DATE: 03/30/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	6
2. Condition Above	13	2. - Backwall	6
3. Condition Below	6	3. - Seat	6
4. Curbs	7	4. - Erosion	11
5. Median	7	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	11	7. - Columns	11
8. Railing	7	8. - Scour	11
9. Drains	4	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	6
12. Deck Joints	5	12. Fencing	11
13. Approaches	6	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	6
		59. Overall Superstructure Rating	7
		60. Overall Substructure Rating	6
		61. Overall Channel Rating	7
		62. Overall Culvert Rating	11

DECK

3: OVERHANGS: Up to 5'L x fw x 4"D exterior haunch spall at abuts. MEDIAN: Moderate spalling along long jt w/ exposed reinf.

4: BOTH CURBS: Long hlcs w/ moist on top.

8: BOTH RAILINGS: Minor plow scrapes throughout. MEDIAN GUARDRAIL: Mod collision damage on SB side.

9: Scupper grate bars w/ hvy loss/broken. Scupper downspouts w/ hvy deter & 100% loss.

12: NB: Both jt seals w/ hvy deter & sagging. SB: Asphaltic plug jts. LONG JT: Filled w/ sand.

13: S APPR: Pvmt w/ isolated mod trans crks. SW endpost w/ 16"L x fw x up to 6"H cor spall w/ exposed reinf due to collision damage. SE guardrail w/ mod collision damage. SE endpost w/ 2' L x 6" H x 2" D spall. N APPR: Transverse cracks in pavement NB. SB long cracks seal failure, and patch failure.

SUBSTRUCTURE

1: TYP: Map hlcs w/ moist throughout.

2: BOTH ABUT: Minor horiz crks w/ moist at both ends. N ABUT: 6"L x 10"H x 1"D spall w/ exposed reinf in bay E2.

3: BOTH ABUT: Minor horiz crks w/ moist at both ends. S ABUT: E face of seat w/ 3'W x 3'H delam w/ 3'L x 8"H x 3"D spall w/ exposed, debonded & sheared reinf. N Face at E end w/ 2'L x 3'H delam.

11: BOTH ABUT: Mod debris accumulation.

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust, particularly fascia brgs. S ABUT: Isolated brg pls rotated and shifted south relative to edge of masonry pls. Hvy rust accumulation btwn pls. Brg E1 w/ both anchor bolts broken. Brg E7 E keeper pl crkd due to impacted rust & brg pl rotated 5/8" to N & E. Brgs W3 & W4 E keeper pl crkd due to impacted rust & brg pl rotated 1/4" to N & E.

2: FASCIA GIRD: Mod rust of beam bot flgs.

4: Failed paint system along beam bot flgs.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 3.1	Cutts Road Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 6225		INSPECTION DATE: 03/30/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	4	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	6	4. - Erosion	11	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	7	12. Fencing	4		
13. Approaches	5	13. Slope Pavement	6		
14. Fencing	7	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: TYP: Concrete wearing surface w/ mod wear throughout. EB LANE: Several patches in span W1, some conc patches depressed 1/2". Approx 45' long x up to 15' wide area of delam adj to patches extending into WB. 2'L x 10'W delam above median. Several minor crks throughout. WB LANE: One patched pothole. 20'L x up to 10'W delam above median. 5'L x 4'W delam near NE scupper in span E1. 12'L x fw lane above 20' NB: BOTH LANES 10'L x 25'W delam in span E1.

3: TYP: St from placements stands throughout. BOTH OVERHANGS: Fascia w/numerous vert hlcs w/eff near pier. Occasional trans hlcs w/ moist & eff. N OVERHANG: 5"W x 3"L incipient spall over SB passing lane.

4: BOTH CURBS: Minor long crks w/ moisture on top throughout. Granite w/ rust staining throughout. Exterior faces w/isolated vert hlcs w/eff. N CURB AT W ABUT: 12"L x FH incipient spall of N face.

9: SCUPPER DOWNSPOUTS: Mod surface rust.

12: BOTH JTS: Sand accumulation.

13: BOTH APPR: Endposts w/ map hlcs w/ moisture and minor plow scrapes/damage. Mod cracks in pavement and minor rutting. Mod pvmt break-up & 1.5"W sealed gap along backwall.

SUBSTRUCTURE

1: ALL WWS: Numerous vert hlcs w/eff at top. SE & NE WW: 1/32"W vert crk w/moist or eff.

2: BOTH ABUT: Two conc repairs in top of backwall. Hlcs in top of backwall.

3: W ABUT: Isolated vert hlcs.

7: PIERWALL: Minor vertical crack full height on E & W faces.

12: Fence collapsed at all corners except NE corner. NE FENCE: Hvy vegetation.

13: BOTH ABUT: Several masonry blocks missing near breastwall. JTs w/mod vegetation throughout & missing seal.

SUPERSTRUCTURE

1: BOTH ABUT: Minor rust. E ABUT: Sole plates fully shifted to S.

2: Mod rust to girder bottom flanges and bracing above NB and SB. Mod surface rust at girder bot flg & bracing elsewhere.

4: Failed paint system of gird bot flgs, splices, cross frames, bracing, & bearings throughout, particularly above rdwy. Approx 40% of web area w/ deterioration above roadway.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 4.8	Beech Ridge Road Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 6226			INSPECTION DATE: 03/30/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	5	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	5	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	5	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	5		
13. Approaches	6	13. Slope Pavement	6		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Conc wearing surface w/mod wear throughout. BOTH SHLDS: Several repairs with largest at SE and NW corners. Some minor spalls remain. E ABUT: Up to 6'-6"L x 12'W delam in S shld/EB lane at patch. WB LANE: 4'-6"L x 4'-6"W delam around repairs near E abut. 4.5'L x 3.5'W delam at W abut.

3: OVERHANGS: Frequent transverse crks w/ mod eff near pier. BOTH FASCIAS: Frequent vert hlcs w/ eff near pier.

4: TYP: Top of curbs have minor longitudinal cracking w/ moist throughout. Granite w/rust staining. N CURB: Minor spall at top at West Abutment.

8: S Rail 1st from west abut splice top and bottom bars disengaged and 13th post from E missing anchor bolt.

9: Grates up to 30% clogged & minor debris accum on pans, downspouts open.

11: Conduits in bay S1 w/ heavy rust of threaded rod supports. Sonotube adj to SE WW w/ displaced cover & exposed wires.

12: BOTH JTS: Sand accumulation. E JT: W armor 1/2" higher than E. Seal torn and deteriorated.

13: BOTH ABUT: Mod transverse crks in pvmt w/ mod break-up along backwall, some sealed. ENDPOSTS: Minor map cracking w/ moist & eff on bot half. Minor map cracking in pvmt throughout. E APPR: Mod long crks in pvmt at double yellow line.

SUBSTRUCTURE

2: BOTH ABUT: Minor moist & minor eff from jt armor, conduit penetration & vert const jt at ends.

6: CAP: Diag hlc w/eff on E face in bay N1.

12: Heavy vegetation growth throughout. Fence down at NE and SE corners.

13: BOTH ABUT: Mod vegetation growth at jts. E ABUT: +/- 5 missing blocks at top. Filler material missing in jts. Scattered areas of minor shifting.

SUPERSTRUCTURE

1: TYP: Mod rust & mod corrosion of bearings and sole plates.

2: TYP: Mod rust & mod corrosion of underside of gird bot flanges, splices cross bracing and lateral bracing, heaviest above roadway.

4: Failed paint system on gird bot flanges. Failed paint on 10% of bottom half of webs, concentrated over rdwy.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 1		MILE: 5.2	York River (Northbound)			INSPECTOR(S): KEB BRG	
		STR NO.: 6227				INSPECTION DATE: 03/01/2016	
DECK			SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8		1. Abutments - Wings	7	1. Bearing Devices	7	
2. Condition Above	13		2. - Backwall	7	2. Steel Work	5	
3. Condition Below	6		3. - Seat	7	3. Collision Damage	11	
4. Curbs	7		4. - Erosion	6	4. Paint	6	
5. Median	11		5. - Settlement	11	5. Misc.	11	
6. Sidewalk	11		6. Piers - Caps	7			
7. Parapet	11		7. - Columns	6			
8. Railing	7		8. - Scour	13			
9. Drains	6		9. - Settlement	11			
10. Lighting Standard	11		10. Misc	11			
11. Utilities	7		11. Debris on Seats	7			
12. Deck Joints	7		12. Fencing	11			
13. Approaches	7		13. Slope Pavement	11			
14. Fencing	11		14. Drainage Gutters	11			
						FHWA Ratings	
						58. Overall Deck Rating	6
						59. Overall Superstructure Rating	5
						60. Overall Substructure Rating	6
						61. Overall Channel Rating	7
						62. Overall Culvert Rating	11

For additional inspection data, see latest Routine Inspection Report, Underwater Inspection Report and Pin and Hanger Inspection Report. The comments in this report are based on observations made from ground level at the N and S end spans. Bridge rehabilitated in 2014 & 2015 (WS, Joints, Piers, Caps, Piant)

DECK

3: TYP: Scattered areas of eff, moisture, and st throughout. Hvy eff from deck slab haunch at end diaphragm locations. BOTH OVERHANGS: Occasional trans crks w/ eff, some w/ stalactites. E OVERHANG: Numerous minor incipient spalls w/ st along N half.
4: BOTH CURBS: Isolated trans hlcs.
8: BOTH RAILINGS: Minor plow scrapes throughout.
9: SCUPPERS: Hvy rust of grates. Downspouts w/ hvy corrosion w/ neoprene curtain added. Minor sand accumulation on pans, downspouts open.
12: ALL JTS: FINGER JNTS mod wear and minor plow damage.

SUBSTRUCTURE

2: TYP: Occasional vertical hlcs w/ moist. Area around utility penetration w/ mod moist.
4: BOTH ABUT: Mod embankment erosion. End 4' of drain pipe undermined.
7: TYP: Steel pile casings have 3'H areas of mod section loss painted over within tidal zone. Scattered piles have been jacketed.
11: BOTH ABUT: Minor debris accumulation. N ABUT: Large pile of debris behind brg W4.

SUPERSTRUCTURE

1: BOTH ABUT: Elastomeric brgs. Most of anchor bolt nuts loose/backed off. PIER BRGS: Isolated lose/missing anchor bolts. Fascia brgs w/ mod rust.
2: END SPANS: Girder ens re-painted. Painted over section loss varies from 1/8" to 3/16" of the webs on each side at some locations with 3/16" loss at the bot 3" within 1 ft of bearing. No brg stiffeners, only connection plates for diaphragms, some w/ 1.5" dia corrosion hole at base or hvy loss. Bottom flange typically with hvy section loss varying 1/16" adj the web and 1/8" at the edge of flange within 1' of brg.
TYP: Minor surface rust of bot flg.
4: TYP: Paint system failure at beam bottom flanges (most severe median fascia), pier bearings and diaphragms under jts. Remaining portions chalky and starting to crk/flake.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 5.21	York River (Southbound)		INSPECTOR(S): KEB BRG
	STR NO.: 1308			INSPECTION DATE: 03/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices 7
2. Condition Above	13	2. - Backwall	6	2. Steel Work 5
3. Condition Below	6	3. - Seat	7	3. Collision Damage 11
4. Curbs	7	4. - Erosion	6	4. Paint 6
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	7	
7. Parapet	11	7. - Columns	6	
8. Railing	7	8. - Scour	13	
9. Drains	6	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	7	11. Debris on Seats	6	58. Overall Deck Rating 6
12. Deck Joints	7	12. Fencing	11	59. Overall Superstructure Rating 5
13. Approaches	7	13. Slope Pavement	11	60. Overall Substructure Rating 6
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 7
				62. Overall Culvert Rating 11

For additional inspection data, see latest Routine Inspection Report, Underwater Inspection Report and Pin and Hanger Inspection Report. The comments in this report are based on observations made from ground level at the N and S end spans. Bridge rehabilitated in 2014 & 2015. (WS, jnts, piles, caps, paint)

DECK

1: Scattered area of repaired cracks.

8: BOTH RAILS: Minor plow scrapes.

9: SCUPPERS: Hvy rust of grates. Downspouts w/ hvy corrosion w/ neoprene extensions added. Mod sand accumulation on pans & 50% clogged grates, downspouts open.

12: ALL JTS: Finger jnts mod wear and minor plow damage.

SUBSTRUCTURE

7: TYP: Steel pile casings have 3'H areas of mod section loss painted over within tidal zone. Scattered piles have been jacketed.

11: BOTH ABUT: Minor sand accumulation.

61: PIER S1: Debris accumulation.

SUPERSTRUCTURE

1: N ABUT: Elastomeric brgs W1-W4 w/ most anchor bolt nuts loose/backed off. Original brgs E1-E4 removed & girds shimmed.

2: GIRDER ENDS S ABUT: Mod/hvy corrosion bot 3" of webs w/ up to 3/16" section loss, both sides. Bot flg, both sides, w/ avg of 5/8" remaining at W1-W4. Bot flg, both sides. Avg of 1/2" to 5/8" remaining at center and edge of flg respectively at E1-E4. Significant flg losses typ occur w/in 2' of girder end. Bot of brg stiffeners at E1-E4 w/ up to 1/8" section loss, both sides. GIRDER ENDS N ABUT: Similar to condition at S abut. S END SPAN: Girder W5 isolated bottom flange section loss at midspan 5/8" remaining x 4".

4: Girder ends have been repainted. Remaining portions starting to crk/flake, majority of loss on bottom flange.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 6.2	Cider Hill Road Underpass			INSPECTOR(S):	KEB BRG
		STR NO.: 6228					
DECK			SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	4		1. Abutments	- Wings	7	1. Bearing Devices	6
2. Condition Above	13		2.	- Backwall	7	2. Steel Work	6
3. Condition Below	7		3.	- Seat	7	3. Collision Damage	11
4. Curbs	6		4.	- Erosion	11	4. Paint	4
5. Median	11		5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11		6. Piers	- Caps	11		
7. Parapet	11		7.	- Columns	7		
8. Railing	7		8.	- Scour	11		
9. Drains	7		9.	- Settlement	11		
10. Lighting Standard	11		10. Misc		11		
11. Utilities	5		11. Debris on Seats		6		
12. Deck Joints	7		12. Fencing		5		
13. Approaches	4		13. Slope Pavement		5		
14. Fencing	11		14. Drainage Gutters		11		
						FHWA Ratings	
						58. Overall Deck Rating	7
						59. Overall Superstructure Rating	6
						60. Overall Substructure Rating	7
						61. Overall Channel Rating	11
						62. Overall Culvert Rating	11

DECK

1: TYP: Conc wearing surface w/mod wear. BOTH LANES NEAR PIER: 80'L x up to 24'W delam particularly in span W1 & around numerous conc patches in WB lane. EB LANE: 7'L x 12'W delam at E jt. 14'L x 11'-6"W delam in S shld/lane btwn E jt & scupper. WB LANE: Some patches failed/mod break-up.

3: BOTH OVERHANGS: Occasional trans vert crks w/ eff & some w/ stalactites, particularly near the pier. SW overhang above seat w/3'L x fw x 2"D w/ spall exp reinf and rust staining. Haunch spalled along NW, SW and SE end diaphragms.

4: TYP: Minor long cracks w/ moist throughout. Fascia w/minor occasional vertical cracking w/ eff, most severe over piers. Minor rust staining on granite.

8: BOTH RAILINGS: Minor plow scrapes.

9: Grates 20% clogged & mod debris accum on pans, downspouts open.

11: Utilities in bay S1 w/ hvy rust of threaded rods and nuts.

12: EJT Fingers are touching for the N 1/3. Mod debris on trough.

13: BOTH APPR: Numerous patches, some w/ 1'D pothole and/or minor settlement. Mod map cracking throughout w/ areas of mod pavement break-up. Minor rutting and mod wear throughout. Pvmt pulling away from backwall 1 1/4"W, sealed. ENDPOSTS: Minor map cracking w/ moist throughout. W APPR: 7'L x 1'W x 1"D pothole in double yellow line and 17'L x 2.5'W x 1"D pothole in wheel line. Mod collision scrapes at NW rail at W end.

SUBSTRUCTURE

1: NE AND SW WW: Vert hlc w/ eff.

2: BOTH ABUT: Infrequent full height minor vertical crks. W ABUT: Scattered minor horiz. crks w/st & eff.

3: BOTH ABUT: Scattered vert minor crks. W ABUT: 2'-4'L x 5'1/2"H x 8"W cor spall at top S2. Heavy eff staining at gird N3.

7: PIERWALL: Full height 1/16"W vert crk btw girds N3 and N4 w/ moisture on both faces.

11: W ABUT: Mod debris.

12: Wire fence down at NW and SE.

13: BOTH ABUT: Slope paving pulled away from abut+/- 3.5". Minor vegetation from jts. E ABUT: 6" settlement with 6 heaved panels. Areas of mod cracking and scattered areas of minor spalling.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.2	Cider Hill Road Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 6228		INSPECTION DATE: 03/30/2016

SUPERSTRUCTURE

1: TYP: Light corrosion and rust, mod at fascia brgs. S1 BRG AT W ABUT: SE anchor bolt bent.

2: TYP: Light corrosion and mod rust at gird bottom flange and cross frames throughout. Scattered areas w/pigeon debris.

4: Failed paint system across full width of gird bot flange over rdwy. Similar at splice bolts, bot flg edges and x-frames scattered throughout.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.8	York/Ogunquit Interchange Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 6254		INSPECTION DATE: 03/30/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	6	3. - Seat	6	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	8
5. Median	7	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	7	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	11		
13. Approaches	6	13. Slope Pavement	6		
14. Fencing	5	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: N SHLD OVER PIER: 20'L area of ponding water.

3: OVERHANGS: Occasional trans hlcs w/ eff near pier. ALL BAYS: Frequent areas of hairline map crks w/ moisture and light eff. Minor spall at NW corner. Numerous minor trans, longitudinal and map cracks w/ moisture and eff along longitudinal jt near pier. SPAN E1: 16"L x 16"W incipient spall and 8" dia x 1 1/2"D spall in bay S3 near E abut. Multiple locations of 4"L x 12"W incipient spalls over NB center lane in bay N6. Minor delam above NB right shld in bay N2. Minor spall w/exposed reinf at long jt above NB left shld. SPAN W1: 6"L x 10"W incipient spalls above SB center lane in bays N3 and N4.

4: BOTH CURBS: Granite w/st throughout. Top of curb w/minor long/map crks w/moist throughout.

8: BOTH RAILINGS: Minor plow scrapes. Isolated anchor bolts w/ minor surface rust.

9: Mod debris accumulation on pans, downspouts open.

12: BOTH JTS: Filled w/sand. E JT: Seal pulled out of extrusion for most of EB passing lane. W JT: Minor plow gouges in jt armor.

13: BOTH APPR: Both lanes w/ mod trans crks along backwall w/mod break-up. Endposts w/minor vert & map crks w/moist. Median settled up to 1.5" along header. E APPR: 1/4"W trans crks in median header. Median header 1" higher than deck. S grail w/ mod collision damage w/ warped posts. W APPR: Median header 1/2" higher than deck.

14: Chain link fence attached to S railing near W abut is loose.

SUBSTRUCTURE

1: ALL WW (except NW): 1/16"W map crks.

2: BOTH ABUT: Isolated vert hlcs w/eff & staining.

3: BOTH ABUT: Extensive minor mc throughout w/mod st and minor eff. 1/32" mc w/mod st and hwy eff at N and S ends. W ABUT: 8"L x 3'H x 7"W up to 13"W corner delam at S end w/4"D spalling. E ABUT: 12"L x 16"H delam at base w/minor spall at S end.

6: N & S CANTILEVERS: Mod mc. E & W FACES: Isolated minor vert/map crks.

7: ALL COLS: Minor mc w/moisture lower 12".

13: BOTH ABUT: Mod vegetation in jts.

SUPERSTRUCTURE

1: ALL BRGS: Painted over minor section loss. Scattered brgs w/ minor abrasion dust. W ABUT: Brg N1 tilted west, inconsistent w/ other brgs.

2: Painted over minor section loss of gird bottom flanges and cross frames over rdwy and near abut.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 9.6	Cape Neddick River	INSPECTOR(S):	KEB BRG	
	STR NO.: 1311		INSPECTION DATE: 03/01/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices	11
2. Condition Above	11	2. - Backwall	11	2. Steel Work	11
3. Condition Below	11	3. - Seat	11	3. Collision Damage	11
4. Curbs	11	4. - Erosion	8	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	11	8. - Scour	8		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	11
				59. Overall Superstructure Rating	11
				60. Overall Substructure Rating	11
				61. Overall Channel Rating	7
				62. Overall Culvert Rating	6

Two cell box culvert - 8' H x 8' W.

SUBSTRUCTURE

1: ALL WWs: Minor abrasion at waterline. NW WW: Minor spall at abut.

61: Mod rock aggradation in N cell. Minor rock aggradation in S cell, only on east end.

62: Several areas of concrete patching.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 10.6		INSPECTOR(S): KEB BRG
	STR NO.: 1312	Mountain Road Underpass	INSPECTION DATE: 03/30/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	5
4. Curbs	7	4. - Erosion	7
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	11	7. - Columns	5
8. Railing	7	8. - Scour	11
9. Drains	6	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	6	11. Debris on Seats	7
12. Deck Joints	7	12. Fencing	5
13. Approaches	6	13. Slope Pavement	7
14. Fencing	9	14. Drainage Gutters	11
			FHWA Ratings
			58. Overall Deck Rating 7
			59. Overall Superstructure Rating 6
			60. Overall Substructure Rating 5
			61. Overall Channel Rating 11
			62. Overall Culvert Rating 11

Repairs 2015 (snow fence, substructure).

DECK

1: BOTH SHLDS: Minor map crkg throughout. 1" gap btw curb and pav't and 8"W delam along curb throughout.

3: S OVERHANG: 6" dia x 1/2"D spall above SB center lane. Fascia w/ 2 large repairs above SB. N OVERHANG: 4" dia incipient spall above median. 6" dia x 1/2"D spall above SB passing & W travel lanes.

4: Scattered areas of minor scaling to top. Areas of heavier scaling repaired.

9: Scupper grates and pans w/ mod rust. Grates w/ scattered areas of hvy section loss, particularly SE (100% loss to bar).

11: Hanging connections exhibit mod corrosion to threaded rods angles and nuts. Conduit detached south pipe at west abutment.

12: BOTH JTs: Bridge jt armor 1/2" higher than appr. Filled w/ sand.

13: BOTH APPR: Pvmt w/ sealed crks. W APPR: Minor pvmt break-up along jt. E APPR: 1"W sealed gap along jt armor.

SUBSTRUCTURE

1: SE WW: Minor spall on top at S end.

2: TYP: Staining from leaking deck jts. Minor/mod cracking or spalling of grout around conduit penetration.

3: BOTH BREASTWALLS: Isolated minor mc. E BREASTWALL: 7'L x 7'H delam at S end. W BREASTWALL: Four areas of up to 4'L x fh (9.5'H) delam, one w/ st.

7: ALL COLUMNS: Bottom 7' heavily delaminated w/ up to 1/8" wide vert crks, scaling and small spalls. N col w/ minor spalling along base.

12: Wire fence is generally damaged.

SUPERSTRUCTURE

2: Light corrosion of girds/diaphs w/ localized areas of moderate corrosion at splice pls & bot flgs over rdwy. Bot splice pls developing pack rust distorting splice plate. Isolated bot flgs w/ minor section loss.

3: Impact scrapes. NB center girder w/ minor sweep at east shoulder. Bot flg impact damage.

4: Paint system failure of fw girds bot flg over rdwy, along edges elsewhere. Remaining paint is chalky.

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HNTB Corporation**

SECTION 1		MILE: 11.8 STR NO.: 1313	Josias River		INSPECTOR(S): KEB BRG INSPECTION DATE: 03/01/2016
DECK			SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11		1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11		2. - Backwall	11	2. Steel Work 11
3. Condition Below	11		3. - Seat	11	3. Collision Damage 11
4. Curbs	11		4. - Erosion	8	4. Paint 11
5. Median	11		5. - Settlement	11	5. Misc. 11
6. Sidewalk	11		6. Piers - Caps	11	
7. Parapet	11		7. - Columns	11	
8. Railing	11		8. - Scour	6	
9. Drains	11		9. - Settlement	11	
10. Lighting Standard	11		10. Misc	6	
11. Utilities	11		11. Debris on Seats	11	
12. Deck Joints	11		12. Fencing	11	
13. Approaches	11		13. Slope Pavement	11	
14. Fencing	11		14. Drainage Gutters	11	
					FHWA Ratings
					58. Overall Deck Rating 11
					59. Overall Superstructure Rating 11
					60. Overall Substructure Rating 11
					61. Overall Channel Rating 7
					62. Overall Culvert Rating 6

Two cell box culvert - 8' H x 8' W each.

SUBSTRUCTURE

1: ALL WWs: 1" gap at abutments.

8: E END: 5' dia x approx 12" D scour hole at edge of floor slab beyond culvert.

61: Mod aggradation at NW WW.

62: Several areas of patched concrete. Scattered locations of epoxy injection.

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HNTB Corporation

SECTION 1		MILE: 11.9	Clay Hill Road Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 1314			INSPECTION DATE: 03/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	6	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	6		
14. Fencing	8	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 3: ALL BAYS: Occasional trans crks w/ eff. BOTH OVERHANGS: Occasional trans crks w/ eff.
 11: Utilities in bay S1 with mod corrosion of hanging connections throughout.
 12: BOTH JTS: Jt armor w/ minor plow damage & areas of mod rust. W JT: Bridge armor 1/2" higher than appr.
 13: E APPR: Mod full width tranverse crack in pvmt 20' from jt. Mod long crk at rdwy centerline.

SUBSTRUCTURE

- 1: ALL WW: Failed/missing vert expansion joint sealant at abut. NE WW: Minor horiz crk at top new abut.
 12: Wire fence down at SE & NW.
 13: E ABUT: Pulled away approx 1" from abut.

SUPERSTRUCTURE

- 1: BOTH ABUT: Bearings have been painted.
 2: Light corrosion of gird bot flgs w/ small areas of moderate corrosion. E end of girders exhibit mod rust.
 4: Paint loss along gird bot flange and diaphragms, concentrated over rdwy.

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HNTB Corporation

SECTION 1	MILE: 13.8 STR NO.: 1315	Ogunquit Road/Berwick Road Underpass	INSPECTOR(S): KEB BRG INSPECTION DATE: 03/30/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	7
4. Curbs	11	4. - Erosion	11
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	6	7. - Columns	7
8. Railing	8	8. - Scour	11
9. Drains	7	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	7
12. Deck Joints	7	12. Fencing	7
13. Approaches	5	13. Slope Pavement	6
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	7
		59. Overall Superstructure Rating	7
		60. Overall Substructure Rating	7
		61. Overall Channel Rating	11
		62. Overall Culvert Rating	11

DECK

1: EB LANE: Isolated sealed crks. WB LANE: Minor rutting. Numerous sealed crks. W JT: Numerous sealed crks and pvmt break-up along bkwl. BOTH SHLDS: Minor delam adj parapet.
 3: TYP: Scattered areas of minor map cracking w/ moisture. BAY N2: Map cracking w/ moist over pier extending from NB to SB passing lanes. NB passing lane delam on patch near pier. BAY N1: Conc scaled/spalled over SB W shld. N OVERHANG: Several minor trans crks w/ eff and moisture typ at paraffin jts and near pier.
 7: BOTH RDWY SIDES: Scattered minor hlcs w/eff. N PARAPET: Extensive minor mc on both faces, w/ moist on rdwy side. Minor spalls and delam at base of rdwy side. S PARAPET: Numerous paraffin jt seals partially failed.
 9: SE SCUPPER: Mod debris accumulation on scupper pans, downspout open.
 12: E JT: Filled w/ sand.
 13: BOTH APPR: Sealed crks along backwall w/ hvy deter. Mod rutting and mod crkg of both lanes. N endposts w/ hairline mc w/ moist at base. W APPR: Up to 1" of settlement along backwall. SW endpost w/ 3 backed off nuts at guardrail conn. E APPR: 16"L x 3'W x 1.5"H heave at S shld. EB lane w/ 16"L x 3.5'W x 1"D settlement near jt.

SUBSTRUCTURE

1: ALL WWs: Crkd/deter vert expansion jt sealant. SE WW: 1" rotation E at top.
 2: BOTH ABUT: Occasional vertical and map hlcs with eff.
 6: PIER CAP: Occasional minor map cracks w/moisture at N, E and W faces.
 7: PIER SHAFT: Minor fh vert crk w/moist on N end.
 12: NE FENCE: Moderate damage between two posts.
 13: BOTH ABUT: Ends are breaking up, heavier on W side.

SUPERSTRUCTURE

2: Localized areas of light corrosion at gird bottom flanges, lower web, splice hardware and connection plates over roadway. Cross frames appear to be mod corroded.
 4: Localized areas of peeling/flaking paint at gird bottom flanges, lower web, splice hardware and connection plates over roadway. Crossframe paint is 50% peeled.

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HNTB Corporation**

SECTION 1		MILE: 14.8 STR NO.: 1316	Capt. Thomas Road Underpass		INSPECTOR(S): KEB BRG INSPECTION DATE: 03/30/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	5	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	8		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Transverse and vert crks w/ eff, some with stalactites, heavier at pier. BOTH FASCIAS: Numerous vert hlcs w/ eff/moist at overhang crk locations. ALL BAYS AT W ABUT: Minor long crk w/eff in deck and diaph haunch.

7: TYP: Occasional vertical hlc. S PARA: Minor scaling on top at SW corner.

12: BOTH JTS: Filled w/ sand. Mod surface rust of jt armor. E JT: Seal pulled out of extrusion throughout.

13: E APPR: Mod longitudinal crack in center of rdwy. Mod collision damage to 7'L section of SE guardrail. W APPR: Minor settlement w/ minor trans crk adj to backwall. 1.5"W sealed gap in pvmt along jt.

SUBSTRUCTURE

1: ALL WW: Deter vert expansion jt sealant.

2: BOTH ABUT: Rust staining from leaking joint.

3: BOTH ABUT: Breastwall w/ map hlc at both ends.

SUPERSTRUCTURE

2: ALL GIRDS: Minor corrosion/mod rust at gird bottom flanges above rdwy, heavier at splices and bot flanges.

4: ALL GIRDS: Failed paint system along gird top and bottom flanges throughout, particularly over rdwy. Scattered areas of lower web w/ peeling paint. Failed paint system at splice plates. GIRT N1: Full web height paint failure over SB roadway. GIRD S1: Scattered paint failure on web full height over NB roadway.

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HNTB Corporation

SECTION 1		MILE: 15.2	Ogunquit River		INSPECTOR(S): KEB BRG
		STR NO.: 1317			INSPECTION DATE: 03/31/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments	- Wings 7	1. Bearing Devices	11
2. Condition Above	11	2.	- Backwall 11	2. Steel Work	11
3. Condition Below	11	3.	- Seat 11	3. Collision Damage	11
4. Curbs	11	4.	- Erosion 11	4. Paint	11
5. Median	11	5.	- Settlement 11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps 11		
7. Parapet	11	7.	- Columns 11		
8. Railing	11	8.	- Scour 13		
9. Drains	11	9.	- Settlement 11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	11
				59. Overall Superstructure Rating	11
				60. Overall Substructure Rating	11
				61. Overall Channel Rating	5
				62. Overall Culvert Rating	5

One cell arch culvert. 2013-2014: Only assessed E third due to high water. 2015: Accessed E 2/3 by chest waders. 2016: Accessed E 1/2 by chest waders.

SUBSTRUCTURE

1: ALL WW: Several vert hlcs w/ light eff. SE WW: End top coping block rotated out of place. NW WW: One top coping block shifted out of place.

8: Could not inspect in 2007 thru 2015 - high water.

61: E SIDE (DOWNSTREAM): Hvy erosion/ slope failure SE embankment downstream. Mod fallen trees in channel. Aggradation splitting channel near culvert. Mod rock aggradation in channel within E end of culvert.

62: Several vert hlcs w/ eff at both headwalls. ORIGINAL CULVERT CJs: Eff and moisture. ORIGINAL CULVERT: Mod abrasion at water line. ORIGINAL CULVERT AT CL STRUCTURE: 4'L x 8'H x 1.5'D spall w/ exp and debonded reinf, and active moist at cj.

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HNTB Corporation

SECTION 1	MILE: 15.21	Tatnic Road Underpass			INSPECTOR(S): KEB BRG	
	STR NO.: 1318				INSPECTION DATE: 03/31/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	11	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	7		
8. Railing	8	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	5	11. Debris on Seats		7		
12. Deck Joints	7	12. Fencing		8		
13. Approaches	6	13. Slope Pavement		7		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: S SHLD: Minor vegetation at parapet.

3: BOTH FASCIAS: Mod eff below horiz jts, throughout. BOTH OVERHANGS: Scattered minor transverse cracks w/ eff.

7: BOTH PARAPETS: Scattered vert hlcs on both faces, some w/ eff. S PARAPET: Mod full perimeter crk and delam at paraffin jt above left shld SB. N RDWY SIDE: Map hlc throughout.

11: BAY S1: Threaded rod supports w/ mod rust. Nuts at underside of utility supports w/ hvy corrosion/section loss throughout. Horizontal I-Beam supports and connections moderate rust throughout.

12: E JT: Failed paint system and filled w/ sand.

13: E APPR: Minor pvmt breaking up along backwall sealed. 1" settlement at center. Scattered sealed cracks in WB lane. W APPR: Mod long crk at centerline. Mod trans crack along backwall sealed.

SUBSTRUCTURE

1: ALL WW: Extensive map hlcs w/ moisture throughout. Failed vert expansion jt sealant at abut.

3: BOTH BREASTWALLS: Few minor vert crks up to full height, some w/ moisture. E BREASTWALL: 2'L x 10"H delam below gird S1. Minor map crks w/ moisture at S end.

7: N & S faces w/ map hlcs w/ moist throughout.

11: BOTH ABUT: Evidence of pigeon debris. Minor debris.

SUPERSTRUCTURE

1: BOTH ABUT: Mod surface rust.

2: Gird bot flgs w/ mod surface rust at failed paint areas, splices & cross frame bolts.

4: Occasional areas of peeling paint along gird bot flgs and bot flg bolted splice connections.

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HNTB Corporation

SECTION 1	MILE: 17.3	Littlefield Road Underpass	INSPECTOR(S):	KEB BRG		
	STR NO.: 1319		INSPECTION DATE: 03/31/2016			
DECK		SUBSTRUCTURE		SUPERSTRUCTURE		
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	11	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	6	7.	- Columns	7		
8. Railing	7	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	5	11. Debris on Seats		7		
12. Deck Joints	5	12. Fencing		7		
13. Approaches	5	13. Slope Pavement		7		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: TYP: Isolated sealed long crks. BOTH SHLDS: Pvmt wedge w/ scattered delam. Minor debris and sand both shoulders.

3: Occ. trans crks w/ eff, heavier in bays N1 & N2 above NB rdwy. Scattered trans crks w/ eff & st at overhangs. BOTH FASCIAS: Moist, st & eff at bot of para paraffin jts. N FASCIA: Scattered vert hlcs.

7: N PARA: Isolated minor vert crks on both faces, some w/ moist. Moderate scaling near granite on roadway side entire length. Minor spalling at granite joint over SB and NB. Rdwy side w/ minor scaling on 60% of the surface. Isolated minor spalls at granite. S FASCIA: Isolated minor vert crks w/ eff.

8: S RAILING: E most post w/ 2 missing anchor bolt nuts.

11: CONDUITS BAY N1: Hvy rust of threaded rods and nuts of supports.

12: W JT: Seal is dry/deteriorating throughout w/ multiple areas of mod damage/tears. Filled w/ sand.

13: W APPR: Mod pvmt crks. Pvmt w/ sealed crks at backwall. Minor rutting on pvmt. Appr rail w/ mod collision damage on both sides approx 75' from bridge. E APPR: Pvmt along bkwl w/ mod crks, breakup, mod settlement/rutting & patches. Mod long crks in EB.

SUBSTRUCTURE

1: ALL WWs: Map hlcs w/ moisture. Failed vert expansion jt sealant.

3: E BREASTWALL: Infrequent vert and diagonal hlcs. W BREASTWALL: Occasional vert hlcs w/ moisture.

6: BOTH CANTILEVERS: Map hlcs w/ moisture at underside and N and S faces.

7: PIER SHAFT: Map hlcs w/ moisture at N and S ends.

11: BOTH ABUT: Pigeon debris.

13: E ABUT: Base of slope pavement mod cracked and deteriorated.

SUPERSTRUCTURE

1: FASCIA BEARINGS: Light rust on sole plates including galvanized components.

2: Minor/mod corrosion at gird bot flanges and splices throughout. Mod rust at web paint system failure locations.

4: Areas of peeling/flaking paint at gird bottom flgs and splices throughout. Isolated areas of web paint system failure.

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 17.7	Webhannet River		INSPECTOR(S): KEB BRG
	STR NO.: 1320			INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	7	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	8	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	
11. Utilities	11	11. Debris on Seats	11	
12. Deck Joints	11	12. Fencing	11	
13. Approaches	11	13. Slope Pavement	11	
14. Fencing	11	14. Drainage Gutters	11	
				FHWA Ratings
				58. Overall Deck Rating 11
				59. Overall Superstructure Rating 11
				60. Overall Substructure Rating 11
				61. Overall Channel Rating 4
				62. Overall Culvert Rating 6

Two cell box culvert - 8' H x 8' W each.

SUBSTRUCTURE

61: BOTH CELLS: Aggradation of rocks in cells. W END: Both cells partially blocked by hvy debris, restricting flow and causing water differential.

62: BOTH CELLS: Occasional 1/16" wide crk x full perimeter w/ eff or active moisture. Lower 18" of walls w/ 1" D scaling throughout, some areas w/ up to 2" D scaling and exp reinf. Weep holes at base of walls w/ active moisture. Center wall W cj allowing water flow btwn cells.

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 18.75	Crediford Brook	INSPECTOR(S): KEB BRG
	STR NO.: 1321		INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7
2. Condition Above	11	2. - Backwall	11
3. Condition Below	11	3. - Seat	11
4. Curbs	11	4. - Erosion	8
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	11	7. - Columns	11
8. Railing	11	8. - Scour	5
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	11	12. Fencing	11
13. Approaches	11	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	11
		59. Overall Superstructure Rating	11
		60. Overall Substructure Rating	11
		61. Overall Channel Rating	7
		62. Overall Culvert Rating	4

One cell box culvert - 8' H x 8' W. Access from W end.

SUBSTRUCTURE

1: NW WW: One vert hlcs w/ eff.

8: E END: 3.5' deep scour hole adj to floor slab. 3' diameter x 3' deep scour at base of trough. NE WW: Footing is undermined +/- 12" deep.

62: Numerous locations of 1" deep scaling labrasion half-height on both walls w/ active moist and rust st near weepholes. Walls have numerous heavy vertical cracks (3/16" W), some w/ up to 4" deep spalling and active moist/rust st approx every 3 feet and 4 feet high both walls. Scattered 1/16" w/ longitudinal cracks w/ eff and stalactites on roof slab. Floor slab has heavy scaling throughout w/ areas of exposed reinf. Mod spalling at formwork CJs w/ full perimeter cracking in some locations.

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 19 STR NO.: 1322	Boston and Maine RR Overpass (Northbound)			INSPECTOR(S): KEB BRG INSPECTION DATE: 03/31/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	4
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	6	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	6	7. - Columns	7		
8. Railing	4	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	6		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	6		
					FHWA Ratings
					58. Overall Deck Rating 7
					59. Overall Superstructure Rating 5
					60. Overall Substructure Rating 6
					61. Overall Channel Rating 11
					62. Overall Culvert Rating 11

DECK

1: TYP: Small areas (3" dia) of pvmt delam scattered in both shlds. S ABUT: Minor long crks along interface w/ appr pvmt.

3: Occasional trans crks w/ eff at overhangs and interior bays.

7: W RDWY SIDE: Minor map cracking throughout w/ moist. W FASCIA: Numerous vert hlcs w/ eff. E PARA: Minor scaling on rdwy face. BOTH PARA: Isolated areas of minor spalling adj to railing posts.

8: SE end w/ collision damage. Rail section at terminaiton cracked fw and the anchor bolts on the first 2 posts have failed. 1st rail post is loose.

12: N JT: Seal is dislodged from the extrusion in the travel lanes, evidence of previous leakage below. Filled w/ sand. Pavement broken up along E shoulder.

13: TYP: Mod/heavy longitudinal crack in E shld at S end. Minor long crks adj to abut. GUARDRAIL: SE transition with collision damage. Fourth timber post spacer damaged.

SUBSTRUCTURE

2: BOTH ABUTS: Minor vertical cracks, some with eff. N ABUT: Minor spall/crack behind brg E3.

3: BOTH ABUTS: Top and front of seat w/ minor vert crks, some w/ eff and/or st. N ABUT: Seat w/ minor spalls and undermining W4 approx 3" x 3" where replacement bearing was chipped into seat.

4: N ABUT: Minor/mod erosion at each end.

6: SW PIER: Area of st and eff on S face at E end. Mod incipient spall developing below W4 on N face.

10: N PIER: Retaining wall at middle w/ rotation and displaced ties.(New timber installed).

14: N ABUT: Mod sand accumulation at E end with 5 ft section undermined.

SUPERSTRUCTURE

1: S ABUT: Brgs W2 and W4 (2"+)w/ excessive S tilt relative to others. 1 of 4 anchor bolts sheared off at brgs W3 & W4. N ABUT: Brgs W3,W2,W1 shim plates loose/rattling w/ severe deter & areas of 100% loss. Brg W2 fully expanded (2"+). Brg W1 w/ 1 of 4 anchor bolts, both pin heads sheared off, and keeper plate bent. Brg W4 w/ mod abrasion dust.

2: TYP: Girds W1 - W4 w/ painted over 1/8"D pitting, most severe at bot 3" of web near conn pls. Minor/mod areas of scattered corrosion to the bot flg throughout, heavier at fascia girders. BOTH ABUT: Brg stiffeners W1 - W4 w/ 25% to 90% section loss at bottom, some losses painted over. N ABUT: Most of the stiffeners at have corrosion crks extending fw. Gird W4 w/ 1/4" web loss x lower 3" on E face & 1/8" web loss x lower 2" on W face. Stiffener at W3 has 100% section loss at bot. Brg stiffener at W4 is bent on E face. E3 bot flg on N end w/ mod corrosion.

4: EXT GIRDS: Bottom flange fascia side failed paint throughout. INT GIRDS: Scattered areas of failed paint on bottom flanges.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 19.01	Boston and Maine RR Overpass (Southbound)			INSPECTOR(S): KEB BRG
		STR NO.: 1478				INSPECTION DATE: 03/31/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	7	1. Bearing Devices	4
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	5
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	6	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	6	7.	- Columns	7		
8. Railing	5	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		6		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	5	12. Fencing		8		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		7		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	5
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	5
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: SABUT: Minor trans crk along deck jt. CENTER LANE: 10L x 4"W x 1/2"D pothole in span N1. W SHLD: Scattered small areas (3" dia) of delam.
- 3: Occasional trans crk w/ eff at overhangs and bays. Spall at E end of S Abut.
- 7: BOTH PARAPETS: Isolated areas of minor spalling at top adjacent to railing post locations. Numerous vert hlcs on both faces, some w/ moisture or eff. W PARAPET AT N END: 14"Lx 7"H x 4"W spall w/ both rail post anchor bolts exposed and not encased. E PARAPET: North End vetical cracks w/ rust staining.
- 8: W RAILING: Weld cracked at base of posts S5 and S8. N most post w/ rear two anchor bolts exposed and base palte not anchored due to parapet spall.
- 12: N JT: Jt seal starting to dislodge from extrusions entire length. Filled w/ sand.
- 13: BOTH APPR: Minor longitudinal cracking and several trans crks w/ mod/hvy deter in W shld. N APPR: Minor pvmt break-up in travel lane. North Approach SB guardrail w/ collision damage.

SUBSTRUCTURE

- 2: BOTH ABUT: Minor vert crks, some w/ eff. N ABUT: 6'L x 24"H delam w/ st in bay E1. Minor spall w/ exposed reinf in bay E2. Rust staining from leaking joint.
- 3: S BREASTWALL: Minor spall at E2, E4, and between E4 and W4. N ABUT: Minor mc w/ moisture, staining and eff at E end.
- 4: N ABUT: Mod silt accumulation adjacent to RR track from past rdwy off.
- 10: N PIER: Timber retaining wall w/ minor underming to allow drainage.
- 11: BOTH ABUT: Minor debris accumulation. ALL PIERS: Minor debris accumulation.
- 14: S GUTTER: Abandoned.

SUPERSTRUCTURE

- 1: N ABUT: Brgs E1-E4 out of plumb (70 deg) w/ mod rust accumulation at base, minor/mod rust & mod/hvy abrasion dust at top pin. Brg E1 w/ 2 missing/sheared anchor bolts & top pin w/ both heads & keeper pls missing. Brg E2 W face w/ bent top pin & crkd keeper pl weld. Brg E3 heavy section loss of bottom pin. Brg E4 missing 3 anchor bolts, W pin head & W keeper plate w/ hvy pumping under truck load & hvy loss of bot pin. S ABUT: Brgs E1-E4 w/ up to 1 1/4" expanded (70 deg), up to 50% anchor bolt nut loss, 20% anchor bolt loss & scattered 75% loss of vert bolts at sole pl conn. Brg E3 weld at keeper plate to brg cracked at both sides & top pin bent on E side.
- 2: TYP: Transverse stiffeners at E and W fascias of girds E1 and E4 w/ hvy section loss at bottom, some w/ pinholes, painted over. S ABUT: Bot of brg stiffeners at E1 through E4 w/ approx 30% remaining section, isolated locations w/ pinholes. Areas of section loss have been painted over. Gird E1 bot flg w/ mod pitting to fascia - painted over. Gird E1 at South Abut lower web w/ 1/4" painted loss x 4.5"H & pinhole. N ABUT: Similar but slightly less severe losses than S abut. Gird E4 E stiff w/ cracked weld at bot of stiffener - W side has 2 stiff. Gird E4 w/ 100% loss x 1.5"H x 3.5"L in lower web beyond brg stiff.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 19.1 STR NO.: 1323	Sanford Rd./ Rte.9 &109 Overpass (Northbound)	INSPECTOR(S): KEB BRG INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	7
4. Curbs	11	4. - Erosion	11
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	7	7. - Columns	11
8. Railing	5	8. - Scour	11
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	7
12. Deck Joints	6	12. Fencing	8
13. Approaches	7	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
			FHWA Ratings
			58. Overall Deck Rating 7
			59. Overall Superstructure Rating 7
			60. Overall Substructure Rating 7
			61. Overall Channel Rating 11
			62. Overall Culvert Rating 11

DECK

1: N ABUT: Minor break-up along sawn jt over full width. E SHLD: Isolated minor long crks. Mod trans crk adj to N jt. W SHLD: Isolated minor long & trans crks.

3: Infrequent trans crks w/ eff.

7: W FASCIA: Minor vert/map crkg w/ moisture throughout.

8: E RAIL: South termination collision damaged and crkd fw. N (trailing) termination missing. W RAIL: Missing anchor bolt at south termination.

12: S JT: Filled w/ sand. Minor impact damage and gap between armor reduced. Evidence of leakage and moisture below jt.

13: S APPR E SHLD: Mod trans crk and minor pavt break-up adj to deck jt. N APPR: Mod trans crk adj to jt. Scattered minor crkg in shlds.

SUBSTRUCTURE

1: SE WW: 5'H x 12"W delamination.

3: S BREASTWALL: Scattered diagonal hlcs w/ moisture or eff. N BREASTWALL: Scattered 1/32" wide vert crks w/ moisture or eff.

11: BOTH ABUT: Pigeon debris on seat.

SUPERSTRUCTURE

1: SOUTH ABUT: Brg E1 and W1 tilted south, inconsistent w/ other brgs.

2: Scattered areas of light corrosion to gird bot flgs - greater at fascias and S ends. Gird W1 w/ minor section loss on top of bot flg throughout.

4: Areas of peeling paint along the edge of the beam bot flgs and girder ends.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 19.11 STR NO.: 1479	Sanford Rd./ Rte. 9 &109 Overpass. (Southbound)	INSPECTOR(S): KEB BRG INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	7
4. Curbs	11	4. - Erosion	11
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	6	7. - Columns	11
8. Railing	5	8. - Scour	11
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	7
12. Deck Joints	6	12. Fencing	7
13. Approaches	7	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
			FHWA Ratings
			58. Overall Deck Rating 7
			59. Overall Superstructure Rating 7
			60. Overall Substructure Rating 7
			61. Overall Channel Rating 11
			62. Overall Culvert Rating 11

DECK

1: N ABUT: Minor long crks along appr interface.

3: BOTH OVERHANG: Infrequent transverse cracks w/ eff. BOTH FASCIAS: Scattered vertical hlcs w/ eff. BAY E4: Trans crack w/ efflo over roadway and S shoulder.

7: BOTH PARA: Numerous minor full perimeter crks w/ eff/moist, including at cjs. W PARA: Minor scaling/spalling for 2/3 length bottom half. E PARA: S end w/ 2.5'Lx 6"Hx 4"W top cor spall from collision damage on E face exposing rail post anchor bolts. N END: 2' x 2' spall roadway face at rail post N2.

8: BOTH RAILS: N terminations w/ minor collision damage. E RAIL: S termination w/ both anchor bolts exposed & loose due to collision damage. W RAIL: S (trailing) termination missing.

12: S JT: Filled w/ sand. Minor damage of jt armor.

13: S APPR: Mod pvmt break-up adj to deck jt in on-ramp lane. N APPR: W guardrail minor w/ collision damage.

SUBSTRUCTURE

1: BOTH WW: Isolated map hlcs w/ moist.

2: N ABUT: Moderate diagonal crack w/ moist, eff and minor spalling at east end. S ABUT: Isolated minor vert cracks w/ eff. Rust staining from deck jt armor.

3: N BREASTWALL: Map hlcs w/ moist at both ends.

4: Minor erosion at SW WW.

11: BOTH ABUT: Evidence of pigeon debris.

SUPERSTRUCTURE

2: Gird bot flg w/ minor surface rust at locations of failed paint.

4: TYP: Edges of gird bot flg w/ infrequent areas of minor peeling/flaking paint.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 19.3	Wells Interchange Overpass (Northbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1324			INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	5	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	7	11. Debris on Seats	7		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: ALL BAYS: Scattered trans crks w/ eff.

7: W RDWY SIDE: Vert hlc w/ moisture throughout. E RDWY SIDE: Plow scrapes on granite.

8: E RAIL AT S END: Termination bent, crkd through and detached due to collision damage, base plate loose attached with one anchor bolt.

11: Minor rust on nuts and anchor bolts. Collision damage to E guardrail.

13: N APPROACH: Mod trans crks along jt at center lanes and east shoulder.

SUBSTRUCTURE

1: NE WW: Map hlc near abut.

3: BOTH BREASTWALL: Minor map/vert crkg throughout. Minor spalling at cjs. Scattered minor spalls near base. Isolated minor delam at horiz cj. Minor plow scrapes throughout. S BREASTWALL: Minor diag crks extending from base at E end.

11: BOTH ABUT: Areas of pigeon debris.

SUPERSTRUCTURE

2: Gird bot flg and diaphragms w/ minor surface rust and corrosion at failed paint locations.

4: TYP: Minor peeling paint at bot flgs, scattered on webs and typ at the both ends of all girders. GIRD E3: Failed paint system on web and bot flg throughout.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 19.31	Wells Interchange Overpass (Southbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1480			INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	5	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: N ABUT: Minor trans crk in travel lane, mod in W shld.
 3: BOTH OVERHANGS: Infrequent trans crks w/ light eff. INT BAYS E2, E3, E5: Isolated trans crks w/ eff.
 7: BOTH PARA: Scattered minor full perimeter crks w/ light eff or moist. Scattered map hlcs w/ moist.
 8: W RAILING AT N END: Termination missing due to collision damage, forming a blunt end for oncoming traffic.
 13: BOTH APPR: Mod map cracking in shld. N APPR: Mod collision damage of W guardrail termination.

SUBSTRUCTURE

- 1: NW WW: Minor map hlcs throughout w/ moist.
 3: BOTH BREASTWALLS: Scattered map/vertical hlcs & minor scaling/spalls. Minor plow scrapes throughout. Minor horiz crk under gird W4.
 11: BOTH ABUT: Areas of pigeon debris.

SUPERSTRUCTURE

- 2: Mod surface rust of girder bot flgs and bot of diaphragms at failed paint locations.
 4: Failed paint along gird bottom flg edges throughout & scattered areas on bot flg underside.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 19.9	Burnt Mill Road Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 1325			INSPECTION DATE: 04/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	6	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Scattered minor long and transverse cracks throughout most sealed. Sealed minor break-up and minor cracks along deck jts. Minor vegetation along curbline.

3: ALL BAYS: Minor trans/map crks throughout. BOTH OH: Infrequent transverse crks w/ light eff. BOTH FASCIAS: Isolated minor vert crks w/ moist or light eff. S FASCIA: Map hlc w/ moist throughout.

7: BOTH FASCIAS: Minor vert crks w/ moist throughout. BOTH RDWY SIDES: Scattered map hlcs. Minor cor spall at deck jts.

13: BOTH APPR: Mod long crack at DYI. Several mod trans cracks in travel lanes. 1" pavement settlement adj to backwalls. Endposts at NW and SE corners spalled adj to deck jts. West Appr: 6" diameter pothole and unsealed cracks.

SUBSTRUCTURE

1: ALL WWS: Map hlc w/moist throughout, particularly SW WW.

2: BOTH ABUT: Top at rdwy w/ minor long crks & minor spalls due to plow damage. W ABUT: Minor diag crk w/ mod eff at N end.

3: BOTH BREASTWALLS: Isolated minor vert/diag crks in top portion. N and S faces w/ map hlcs w/ moist throughout. W BREASTWALL: Isolated minor fh vert crks. Minor horizontal crack w/ mod eff near top under gird S1 and S2.

4: W ABUT: Mod erosion at south end of slope pavement adjacent to shoulder of SB traffic.

6: Isolated minor vert crks under gird. S CANTILEVER: Minor mc w/ moisture throughout underside and faces. N CANTILEVER: Isolated map hlcs w/ moisture on underside and faces.

7: N and S columns w/ scattered map hlcs w/ moisture.

11: BOTH ABUT: Evidence of pigeon debris

SUPERSTRUCTURE

2: FASCIA GIRDS: Localized areas of painted over shallow pitting in the web.

KENNEBUNK

MILE 20.0 to MILE 38.0

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Maine Turnpike Annual Inspection 2016

Inspection Field Report Prepared by: HNTB Corporation

SECTION: 2 Miles: 20.0 to 38.0

BRIDGE SUMMARY: Kennebunk

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
21.40	Merriland River	O	11	11	11	11	11	11	11	11	11	11	8	11	11	11	11	11	7	7
21.70	Coles Hill Road Underpass	U	6	11	8	6	7	6	7	6	6	11	7	11	11	6	7	7	11	11
23.10	Branch Brook	O	11	11	11	11	11	11	11	11	11	11	8	11	11	11	11	11	4	5
23.60	High Street / Rte. 9A Underpass	U	7	11	8	6	6	7	11	13	11	11	7	11	11	7	7	7	11	11
24.70	Cat Mousam Road / Rte. 99 Underpass	U	7	11	8	7	7	7	7	8	7	11	7	7	11	7	7	7	11	11
25.00	Mousam River (Northbound)	O	7	7	5	7	8	7	5	5	5	11	7	11	11	7	5	5	4	11
25.01	Mousam River (Southbound)	O	7	11	7	7	8	7	5	5	6	11	7	11	11	7	7	5	4	11
25.30	Alfred Rd / Rte. 35 Underpass	U	6	7	8	4	6	7	7	7	6	11	7	11	11	7	7	7	11	11
26.30	Eastern Trail Pedestrian Bridge	U	4	7	8	11	11	7	8	8	7	11	7	8	11	7	7	8	11	11
27.20	Kennebunk River (Northbound)	O	8	11	8	11	9	13	11	11	11	11	7	11	11	13	6	7	5	11
27.21	Kennebunk River (Southbound)	O	9	11	7	11	9	13	11	11	11	11	7	11	11	13	6	7	6	11
28.30	Limerick Road Underpass	U	7	7	8	7	6	7	7	7	6	11	7	7	11	7	7	7	11	11
30.30	Old Alfred Road Underpass	U	7	11	8	6	7	7	7	7	7	11	7	7	11	7	7	7	11	11
31.25	2nd Thacher Brook	O	11	11	11	11	11	11	11	11	11	11	8	11	11	11	11	11	7	5
31.30	Alfred Road / Rte. 111 Underpass	U	5	11	8	7	6	7	7	7	6	11	7	6	11	7	7	7	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 2 Miles: 20.0 to 38.0

BRIDGE SUMMARY: Kennebunk

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
31.60	Biddeford Interchange Underpass	U	5	11	7	11	7	7	7	8	6	11	7	7	11	7	7	7	11	11
32.20	3rd Thacher Brook	O	11	11	11	11	11	11	11	11	11	11	8	11	11	11	11	11	7	7
32.80	South Street Underpass	U	6	11	8	7	6	7	7	7	7	11	7	6	11	7	7	7	11	11
33.00	Saco River (Northbound)	O	7	7	7	7	8	7	5	6	7	11	7	11	11	7	7	5	7	11
33.01	Saco River (Southbound)	O	7	7	7	7	7	7	5	5	7	11	7	11	11	7	7	5	7	11
33.40	Boom Road Underpass	U	6	11	7	7	6	7	7	7	5	11	7	6	11	7	7	7	11	11
34.40	New County Road / Rte. 5 Underpass	U	6	11	8	7	6	6	7	8	7	11	7	7	11	6	7	7	11	11
35.30	North Street / Rte. 112 Underpass	U	7	8	7	7	6	7	8	7	8	11	7	7	11	7	7	8	11	11
35.70	Saco Interchange Underpass (Westbound)	U	7	7	7	7	8	8	6	4	5	11	7	6	11	8	7	6	11	11
35.71	Saco Interchange Underpass (Eastbound)	U	6	7	7	7	8	7	6	4	5	11	7	6	11	7	7	6	11	11
35.75	Saco Spur Over RR	O	6	11	7	11	6	7	11	11	11	11	7	11	11	7	6	11	11	11
37.56	Cascade Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	4	6

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 2	MILE: 21.4		INSPECTOR(S): KEB BRG
	STR NO.: 1326	Merriland River	INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	8
2. Condition Above	11	2. - Backwall	11
3. Condition Below	11	3. - Seat	11
4. Curbs	11	4. - Erosion	7
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	11	7. - Columns	11
8. Railing	11	8. - Scour	13
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	11	12. Fencing	6
13. Approaches	11	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	11
		59. Overall Superstructure Rating	11
		60. Overall Substructure Rating	11
		61. Overall Channel Rating	7
		62. Overall Culvert Rating	7

Single cell arch culvert. Refer to the most recent Underwater Inspection Report for additional information. 2006-2016: Inaccessible due to high water.

SUBSTRUCTURE

12: Wired fence down at SE.

61: Mod erosion at W side of N embankment less severe south embankment and E side S of embankment. E side embankment slumping and tree tilt.

62: E coping at S end w/ mod spall w/exposed reinf. BOTH SIDES: Vegetation growth along arch header.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 21.7	Coles Hill Road Underpass		INSPECTOR(S): KEB BRG
	STR NO.: 1327			INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices 6
2. Condition Above	13	2. - Backwall	7	2. Steel Work 7
3. Condition Below	6	3. - Seat	7	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 6
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	7	
7. Parapet	7	7. - Columns	7	
8. Railing	8	8. - Scour	11	
9. Drains	8	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	5	58. Overall Deck Rating 6
12. Deck Joints	6	12. Fencing	7	59. Overall Superstructure Rating 7
13. Approaches	6	13. Slope Pavement	11	60. Overall Substructure Rating 7
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

1: TYP: Scattered minor longitudinal cracks along DYL. 8" W pvmt delam along both curb lines.

3: ALL BAYS: Extensive trans crks w/ eff throughout. BOTH OVERHANGS: Numerous trans crks w/ eff. Staining at paraffin jts.

7: ALL FACES: Infrequent vert hlcs w/ moist/light eff. S PARAPET: Minor spalling at SW corner. BOTH PARAPETS: Scattered minor full height vertical cracks at rail post locations.

12: E JT: Minor leakage at S end. W JT: Seal dislodged from extrusion in EB travel lane, staining evident from below.

13: TYP: Minor crks and break-up along backwall. Longitudinal crack along DYL. E APPR: Mod trans crack in EB travel lane. SE endpost w/minor spall at rail from collision damage. W APPR: Several mod trans crks near jt. Minor collision damage on N guardrail.

SUBSTRUCTURE

1: SE WW: Scattered minor trans/map crks.

2: BOTH ABUT: Scattered minor vert crks, some w/ minor eff at bot. Isolated locations of eff or st from deck jt armor.

3: BOTH BREASTWALLS: Scattered minor vert crks, most extend across seat.

6: BOTH FACES: Isolated minor vert crks.

11: E ABUT: Hvy pigeon debris adj to girder S3 and S4 brgs.

SUPERSTRUCTURE

1: E ABUT: Elastomeric brgs rotated/tilted 1/4" to E and 1/4" to S. Minor bulging of elastomer on all brgs. W ABUT: Slightly tilted to W. NW corner raised off seat 1/8".

2: Mod surface rust of girder bot flgs at failed paint locations. Hvy pigeon guanno on girder ends throughout.

4: Peeling/flaking paint along girder bot flgs, concentrated over rdwy. Heavier on fascia girders

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 23.1	Branch Brook		INSPECTOR(S): KEB BRG
	STR NO.: 1328			INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	8	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	8	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	6	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	
11. Utilities	11	11. Debris on Seats	11	
12. Deck Joints	11	12. Fencing	11	
13. Approaches	11	13. Slope Pavement	11	
14. Fencing	11	14. Drainage Gutters	11	
				FHWA Ratings
				58. Overall Deck Rating 11
				59. Overall Superstructure Rating 11
				60. Overall Substructure Rating 11
				61. Overall Channel Rating 4
				62. Overall Culvert Rating 5

Two cell box culvert - 8' H x 8' W each. 3' of water in culvert during 2016 inspection (suggest use of chest waders in 2017).

SUBSTRUCTURE

8: Minor areas of scour at E end. 12'L x 4'W x 1.5'D scour at W end.

61: Hvy channel debris (fallen trees) at W end, partially blocking both cells. Mod channel debris both west embankments. Up to 1.5'D sand aggradation in both cells throughout, heavier on east end.

62: TYP: Numerous 1/16" wide cracks over full perimeter w/ efflo, stalactites and/or active moisture, mod spalling some w/ heavy rust staining. Spacing approx 10' more concentrated in the middle third.

CONSTRUCTION JOINTS: Mod spalling (16"W x 2.5"D) w/ rust staining and active moisture. BOTH WALLS: Active moisture and heavy rust staining from weepholes. S WALL: Isolated minor mc w/ heavy eff. Horizontal crack up 1/32" W w/ active moisture at W third point.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 23.6	High Street / Rte. 9A Underpass			INSPECTOR(S): KEB BRG	
	STR NO.: 1329				INSPECTION DATE: 04/06/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	13
2. Condition Above	13	2.	- Backwall	11	2. Steel Work	11
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	11	4. Paint	11
5. Median	11	5.	- Settlement	11	5. Misc.	7
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	7		
8. Railing	8	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		11		
12. Deck Joints	6	12. Fencing		7		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: EB: Minor long cracking in wheel line throughout. 12"L x 6"W x 1/2"D pothole near W end. BOTH SHLDS: 6"W delam adj to parapet throughout. S SHLD: Minor vegetation along para above pier.
3: TYP: Infrequent trans crks w/ light eff including at scuppers.
7: BOTH PARAPETS: Scattered minor full perimeter cracks throughout.
12: BOTH JTS: Asphaltic plugs jts w/ separation at deck pvmt. Mod wear, transverse cracks and minor rutting. Up to 2"W long crkg in shlds.
13: BOTH APPR: Isolated minor long crks.

SUBSTRUCTURE

1: SE WW: Vert hlcs with moist. NE WW: Vert hlcs with moisture.
3: TYP: Diagonal hlcs extending from bottom edges of girders.
7: ALL COLS: Isolated hlcs w/moist.

SUPERSTRUCTURE

1: Pier brgs exist, unable to inspect due to elevation.
5: Concrete girders. TYP ADJ PIER: Diag hlcs +/- 2' long, extending from girder top flg adj to pier diaph at each side of each girder. GIRDER N3 Minor spall at underside of bot flg adj to pier in rdwy spans.
GIRDER N2, SPAN E2: North face of top flg adj to pier exhibits apparent hlcs. PIER DIAPHS : Minor delam under girder top flgs.

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 24.7	Cat Mousam Road / Rte. 99 Underpass			INSPECTOR(S): KEB BRG	
	STR NO.: 1330				INSPECTION DATE: 04/06/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	8	
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7	
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11	
4. Curbs	11	4. - Erosion	11	4. Paint	7	
5. Median	11	5. - Settlement	11	5. Misc.	11	
6. Sidewalk	11	6. Piers - Caps	7			
7. Parapet	7	7. - Columns	7			
8. Railing	8	8. - Scour	11			
9. Drains	7	9. - Settlement	11			
10. Lighting Standard	11	10. Misc	6			
11. Utilities	5	11. Debris on Seats	7			
12. Deck Joints	7	12. Fencing	8			
13. Approaches	7	13. Slope Pavement	7			
14. Fencing	11	14. Drainage Gutters	11			
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: TYP: Minor wear. Minor long crk in center of lanes. BOTH SHLD: 6"W delam throughout. S SHLD: Isolated areas of delam up to 10"W. N SHLD: E end w/ isolated areas of delam up to 3'W.
3: BOTH OVERHANGS: Trans crks w/ mod eff and stalactites - concentrated near pier. BOTH FASCIA: Vert crks w/ eff - concentrated near pier. HAUNCH: Scattered spalls at fascia girders.
7: BOTH PARA: Scattered full perimeter hlcs w/moist and/or light eff. Fascia w/ scattered areas of eff and moisture from horiz jt. N RDWY SIDE: Isolated areas of map hlcs w/ moist.
9: Minor debris accumulation on scupper pans, downspouts open.
11: BAY S2: Utility support threaded rods and nuts w/ heavy corrosion.
12: BOTH JTs: Filled w/ sand.
13: BOTH APPR: Mod longitudinal crk w/ mod deter at center of both lanes. Isolated minor trans crks. E APPR EB: Minor rutting and minor mc. SE ENDPOST: Minor spalling from collision damage. NW ENDPOST: Mod mc w/ moist throughout.

SUBSTRUCTURE

1: SW WW: Scattered horiz hlc w/ moisture. SE WW: Scattered map cracking. ALL WW: Vertical joint sealant partially failed.
2: BOTH ABUT: Scatered minor vert crks, some w/ eff.
3: BOTH BREASTWALLS: Scattered minor vert/diagonal crks.
10: WWs w/ trees adj to & in retained soil.
11: Minor pigeon debris on abut seats.
13: BOTH ABUT: Mod sand accumulation at base. Jts w/ failed sealant & minor vegetation.

SUPERSTRUCTURE

2: Minor surface rust at gird bot flg & splice failed paint locations.
4: Failed paint at scattered areas along gird bottom flange edges. Failed paint for gird bot flg splice pls.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25	Mousam River (Northbound)		INSPECTOR(S): KEB BRG
	STR NO.: 1331			INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices 5
2. Condition Above	13	2. - Backwall	7	2. Steel Work 5
3. Condition Below	7	3. - Seat	5	3. Collision Damage 11
4. Curbs	7	4. - Erosion	5	4. Paint 5
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	7	
7. Parapet	11	7. - Columns	7	
8. Railing	5	8. - Scour	8	
9. Drains	7	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	7	FHWA Ratings
11. Utilities	11	11. Debris on Seats	6	58. Overall Deck Rating 7
12. Deck Joints	7	12. Fencing	11	59. Overall Superstructure Rating 5
13. Approaches	7	13. Slope Pavement	11	60. Overall Substructure Rating 5
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 4
				62. Overall Culvert Rating 11

Some comments from 2015 inspection w/ snooper.

Refer to most recent Underwater Inspection Report for additional information.

DECK

1: Pavement cracking in E shldr.

3: ALL BAYS: Scattered trans hlcs w/ light eff throughout. BOTH OVERHANGS: Occasional minor trans/vert crks w/ eff. W OVERHANG: Hvy spall at S end. S SPAN: 1'-10"L x 12"W delam of edge of deck adj to S abut deck jt along gird E4. MIDDLE SPAN: 16"L x 10"W delam w/ 1"D spalling w/ exp reinf in bay W4 near S pier. Gird W4 E haunch w/ 8'L x 4"W delam near N pier.

8: BOTH RAILINGS: Minor plow scrapes throughout. E RAILING: N6 post bent/torn rail post web due to collision damage in span N1. W RAILING: North most rail post in span N1 w/ severe flg bend/tear due to collision damage.

12: S JT: Leaking at E end. Filled w/ sand in shlds.

13: S APPR: SE endpost w/ minor spall due to collision damage. N APPR: Transverse crack in pavement at E shldr. Minor long cracks throughout. NE guardrail minor collision damage.

SUBSTRUCTURE

2: S ABUT: Scattered minor vert crks w/ moist or eff. N ABUT: Isolated minor vert crks w/ moist.

3: BOTH ABUT: Isolated minor vert/horiz crks. S ABUT: Seat w/ 10"L x fw x 4"D spall w/ exp reinf in bay W1 starting to undermine brg W1 masonry pl. N ABUT: 2' x 2' spalling at W4 undermining brg. Hvy eff from repairs. Seat w/ 4'L x fw x up to 6"D spalling w/ exp reinf in bays W1 starting to undermine brg W2 & W3. Breastwall w/ 6'L x 2'H x 5"D spalling w/ exp reinf in bay W1 & 4'L x 2.5'H delam in bay W3.

4: S ABUT: 5'W x 2'D erosion at S half of E end from leaking deck jt. N ABUT: Mod erosion throughout. Mod erosion of embankment at NE WW. Hvy erosion exposing up to 2.5' of top of ftgs.

10: N ABUT CLOSURE WALL: Numerous vert hlcs w/ moist.

61: Channel is heavily eroded at S pier embankment & mod downstream on both sides undermining trees. Fallen tree partially blocking downstream (E) channel.

61: S ABUT: Mod debris accumulation in bays W1 & W3.

SUPERSTRUCTURE

1: ALL BRGS: Brgs E1-E4 w/ mod surface rust of top pin. BOTH ABUT: Minor/mod abrasion dust. Brgs W1-W4 w/ mod corrosion & hvy rust. S ABUT: All brgs w/ debris accum at rocker base. Some rocking of brgs E3 & E4 under live load. BOTH PIERS: Hvy rust & mod section loss of bot pin at steel keeper block. Brgs W1 & W4 w/ 5/8" impacted rust at rocker base, 1/2" impacted rust at keeper block &

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25		INSPECTOR(S): KEB BRG
	STR NO.: 1331	Mousam River (Northbound)	INSPECTION DATE: 04/06/2016

60% E anchor bolt nut loss. S PIER: Brgs E1-E4 anchor bolts w/ mod surface rust & scattered w/ negative thread.

2: GIRDS W1-W4: Up to 1 1/4" impacted rust at gird bot flg cover pls, particularly at girds W1 & W4 & transitions. Numerous diag/horiz cross frame members w/ up to all 4 bolts loose at conn to gird in bay W4. Girds W1 & W4 w/ sheared top flg rivets at removed exterior cantilever brackets. S ABUT: Girds W1-W4 lower 4" of web adj to brg stiffeners w/ mod rust, mod section loss & areas of 100% section loss x up to 3"H x 2"L. W2 and W3 sim less severe. Two kneebraces and one gird web stiffener bent/warped in bay W1. At one of the kneebraces, the stiffener is pulled away for gird web on one side. N ABUT: All girds lower webs w/ w/ mod rust & up to 1/2" dia corrosion holes adj to brg stiffeners. Stiffeners w/ 25% avg loss at bot. Two missing bolts on W side of end cross frame in bay W4. SPAN S2: 4th cross frame from S pier w/ 1 bolt missing at lower horiz conn to gird. Gird W4 w/ 1/4" painted over loss x fw of bot flg at N splice.

4: Failed paint system for gird ends at abuts and girds W1 & E1-E4 bot flgs & webs throughout.

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Inspection Field Report

HNTB Corporation

SECTION 2		MILE: 25.01	Mousam River (Southbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1481			INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	6	8. - Scour	5		
9. Drains	5	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	7		
11. Utilities	8	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	5
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	4
				62. Overall Culvert Rating	11

Some comments from 2015 inspection w/ snooper.

Refer to most recent Underwater Inspection Report for additional information.

DECK

3: BOTH OVERHANGS: Numerous trans/vert crks w/ moisture. E OVERHANG: Mod eff, moist & st near N abut, weep drain pipes missing. S ABUT: Spalling w/ exp reinf along E fascia gird haunch adj to S abut. SPAN N2: Gird E4 w/ 4"W haunch delam on W side throughout. N ABUT: Occasional minor spalls at girds E1-E4 haunches & crks w/ eff.

7: W RDWY SIDE: Minor scaling throughout.

8: W RAILING: 3 rail posts in span N1 w/ mod collision damage/tears.

9: Scupper grates almost completely clogged. NE scupper downspout misaligned at PVC bend.

12: S JT: Leaking at E end. Filled w/ sand in shlds.

13: BOTH APPR: W endpost w/ numerous minor full perimeter crks w/ moist.

SUBSTRUCTURE

2: S ABUT: Isolated vert hlcs.

3: N ABUT: Minor delam at scattered locations.

4: N ABUT: Mod erosion at E end under misaligned scupper downspout. S PIER: Hvy erosion exp top of E1 & E2 ftgs. S ABUT: Mod to hvy erosion at bottom of slope.

6: S CAP: Minor spall on underside near col E2. N CAP: 1/16"W horiz crk in S face near gird E3.

8: S PIER: Mod scour exp top of E1 & E2 ftgs.

10: N ABUT CLOSURE WALL: Numerous vert hlcs w/ moist.

61: S ABUT: Hvy degradation/erosion/slope failure at S embankment on W side (upstream) w/ large tree failed and other root systems exposed. Erosion/slope failure at toe of slope (see abut erosion comments). S PIER: Tree and timber debris in channel against W column.

SUPERSTRUCTURE

1: ALL BRGS: Brgs W1-W4 w/ mod surface rust of top pin. S ABUT: Brgs E1-E4 w/ light/mod corrosion & mod rust accum btw rocker & masonry pl. N ABUT: Light corrosion of brgs E2-E4. Mod corrosion of brg E1 w/ mod rust accum btw rocker & masonry pl. BOTH PIERS: Brgs E1-E4 w/ hvy rust & mod section loss of bot pin at steel keeper block. Brgs E1 & E4 w/ 5/8" impacted rust at rocker base

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25.01	Mousam River (Southbound)	INSPECTOR(S): KEB BRG
	STR NO.: 1481		INSPECTION DATE: 04/06/2016

& 1/2" impacted rust at keeper block. Brg E1 appears frozen (expanded at 20 degrees).

2: GIRDS E1-E4: Up to 1 1/4" impacted rust at gird bot flg cover pls, particularly girds E1 & E4 & transitions. Girds E1 & E4 w/ sheared top flg rivets at removed exterior cantilever brackets. Girds E1 & E4 w/ mod section loss of lower 4" of web stiffeners including isolated locations of pinhole to 2" dia corrosion holes. BOTH ABUT: Girds E1-E4 brg stiffeners w/ 50% avg section loss at lower 4". S SPAN: Original structure (girds E1-E4) creaking under heavy LL. Girds E1-E4 lower 4" of web adj to brg stiffeners w/ mod rust & mod section loss including pinhole to 100% section loss x up to 2"H x 5"L.

MIDDLE SPAN: Gird E4 w/ up to 1/4" painted over loss x fw of bot flg at N splice. N SPAN: Gird E1 w/ 1 1/2" dia corrosion hole in web at S 1/3 point.

4: Isolated areas of peeling paint along gird bot flgs throughout, heavier on W fascia gird.

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Inspection Field Report
HNTB Corporation**

SECTION 2		MILE: 25.3 STR NO.: 1332	Alfred Rd / Rte. 35 Underpass		INSPECTOR(S): KEB BRG INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	11	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	6	5. Misc.	11
6. Sidewalk	6	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	7		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	4	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	7	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

- 1: Minor wear throughout. WB: Mod longl crk along shld line. S SHLD: Up to 2"W full depth gap at curbline w/ up to 16"W delam. N SHLD: Trans crk along SWL. 4"W delam along curbline. Long crk along DYL.
- 3: Numerous trans crks w/ eff at overhangs, some w/ stalactites.
- 4: S CURB: Minor plow damage and st throughout.
- 6: BOTH ABUT: Conc patch w/ failed sealant, minor spalling and minor crks w/ eff. BOTH APPR: 1.5"H differential at conc and bituminous interface, tripping hazard.
- 7: BOTH PARA: Isolated minor full perimeter crks w/ moist, particularly at rail posts. Failed jt sealant at abut. N RDWY SIDE: Isolated minor delam/spall at vert parafin jts. Plow scrapes in granite.
- 9: Minor debris in grates and on scupper pans, downspouts open.
- 12: BOTH JTS: APJs w/ heavy deterioration anc crks, patches (some failing), mod rutting w/ 1"D settlement. Separation along deck. W JT: 16"L x 10"W x 1.5"D pothole in WB.
- 13: BOTH APPR: Mod cracking and minor rutting. W APPR: 4'L x 6'W area of hvy pvmt break-up w/ mod settlement transv crks. NW end post with minor spall at bridge rail transition. E APPR: N shld w/ 3'L x 9"W x 1.5"D depression adj to jt.
- 14: S FASCIA: Minor surface rust of post seat angles.

SUBSTRUCTURE

- 1: ALL WWs: Failed jt sealant at top.
- 3: BOTH ABUT: Minor vertical cracks w/ moisture staining extending from gird bottom flanges. W ABUT: Minor spall on S face adj to vert jt at ww.
- 5: TYP: Minor settlement (1/2") and slight rotation of wingwalls. NE WW: Up to 1.5" settlement.
- 6: Minor transverse cracks w/ moist on underside.
- 10: Max speed signs mounted on pier in good condition.
- 12: SW fence w/ 2 sections w/ minor damage & 2 top rails disconnected from post.

SUPERSTRUCTURE

- 2: Minor corrosion concentrated at bot flgs above rdwy fascia, and at splice plates. Girder N1 at W end w/ mod corrosion to bot flg.
- 4: Scattered areas of mod paint loss at splice plates and bottom flanges, heaviest at top of bottom flange of fascia girders.

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Inspection Field Report

HNTB Corporation

SECTION 2		MILE: 26.3	Eastern Trail Pedestrian Bridge		INSPECTOR(S): KEB BRG
		STR NO.: 6460			INSPECTION DATE: 04/06/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices	8
2. Condition Above	7	2. - Backwall	11	2. Steel Work	8
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	7
5. Median	11	5. - Settlement	6	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	8		
13. Approaches	4	13. Slope Pavement	8		
14. Fencing	8	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	8
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

2: Scattered transverse hairline cracks, more frequent above pier.

3: BOTH BAYS: Numerous transverse hlcs w/ moist & minor eff. BOTH FASCIAS: Numerous vert hlcs w/ moist & minor eff.

4: BOTH CURBS: Minor full perimeter crks throughout, some w/ moisture or light eff. BOTH FASCIAS: Numerous vert hlcs w/ moist & minor eff.

13: W APPR: Hvy settlement along curblines approx 8"W x 4"D max along full length of slab both sides, heaviest adj to abutments. Minor settlement & mod trans crks of patch at W end. Evidence of appr slab rotation, 4" max downward at end of endposts. 1/2" sealed gap btw appr slab and deck. Appr slab 5/16" higher than bridge. E APPR: Hvy settlement along curblines 12"W max x 7.5"D max along full length of appr slab, heaviest adj to abutment. E end of appr slab w/ minor sloughing of patch and mod trans crks. Evidence of appr slab rotation, 3.5" downward at end of endposts. 1.5"W gap btw appr slab and deck w/ failed sealant & filled w/ sand. Appr slab 1/2" higher than bridge. Approach slab undermined 6"x6" opening up to 48" deep on north and south corners.

SUBSTRUCTURE

1: TYP: Scattered vert hlcs w/ minor eff and moist extending across top. Horiz cj w/ minor eff and moist.

3: BOTH ABUT: Minor diag/vertical cracks extending from girder bot flange edges, some w/ light eff. Minor st from fascia girds.

5: E ABUT: 12"W x up to 12"D settlement along abut.

SUPERSTRUCTURE

4: Weathering steel, gird ends painted. BOTH ABUT: Minor peeling along gird bot flg edges. Minor peeling of fascia gird lower web.

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HNTB Corporation**

SECTION 2	MILE: 27.2	Kennebunk River (Northbound)		INSPECTOR(S): KEB BRG
	STR NO.: 1333			INSPECTION DATE: 04/15/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	9	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	13	2. - Backwall	13	2. Steel Work 11
3. Condition Below	13	3. - Seat	6	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 7
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	7	7. - Columns	11	
8. Railing	8	8. - Scour	13	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	6	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 13
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 7
13. Approaches	8	13. Slope Pavement	11	60. Overall Substructure Rating 6
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 5
				62. Overall Culvert Rating 11

Refer to the most recent Underwater Inspection Report for additional information.

DECK

7: BOTH PARA: Scattered minor full perimeter crks w/ moist throughout. E RDWY SIDE: Minor scaling throughout. W PARA: Jt sealant failed throughout.
13: NE End Post: Map cracking west face, spall on east face. NW End Post: Spall on east face.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Horiz crks w/ active moisture and mod eff at W end. Hvy rust st below weepholes.
10: BOTH CLOSURE WALLS: Horiz crks w/ active moist and mod eff.
61: Downstream (E end) banks exhibit light erosion. At bend, bank is heavily eroded - undermined tree has fallen.

SUPERSTRUCTURE

5: Voided slabs. Previous moisture and/or eff from long joints at several locations. Infrequent locations w/ compressible material dislodged from long joints.

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HNTB Corporation**

SECTION 2		MILE: 27.21 STR NO.: 1482	Kennebunk River (Southbound)		INSPECTOR(S): KEB BRG INSPECTION DATE: 04/15/2016
DECK			SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	9		1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	13		2. - Backwall	13	2. Steel Work 11
3. Condition Below	13		3. - Seat	6	3. Collision Damage 11
4. Curbs	11		4. - Erosion	11	4. Paint 11
5. Median	11		5. - Settlement	11	5. Misc. 7
6. Sidewalk	11		6. Piers - Caps	11	
7. Parapet	7		7. - Columns	11	
8. Railing	7		8. - Scour	13	
9. Drains	11		9. - Settlement	11	
10. Lighting Standard	11		10. Misc	11	
11. Utilities	11		11. Debris on Seats	11	
12. Deck Joints	11		12. Fencing	11	
13. Approaches	9		13. Slope Pavement	11	
14. Fencing	11		14. Drainage Gutters	11	
					FHWA Ratings
					58. Overall Deck Rating 13
					59. Overall Superstructure Rating 7
					60. Overall Substructure Rating 6
					61. Overall Channel Rating 6
					62. Overall Culvert Rating 11

Refer to the most recent Underwater Inspection Report for additional information.

DECK

7: BOTH PARA: Scattered minor full perimeter crks w/ moist throughout. E PARA: Jt sealant failed throughout.

8: E RAIL: Post at southern end w/ one nut backed off plate.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Scattered horiz crks w/ light/mod eff. Hvy rust staining from weepholes. 1/8" W vert crk x full height at W end at cj. S ABT: Breastwall w/minor spall at middle cj mid height, approx 4" W x 16" H x 1" D.

10: See NB report for closure wall comments.

61: Minor aggradation adj N WW. Mod erosion at W embankment upstream from bridge.

SUPERSTRUCTURE

5: Voided slabs: Moisture staining from long jt btw girds W4-W5 and E2-E3. Infrequent locations w/ compressible material dislodged from long jts.

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 28.3	Limerick Road Underpass	INSPECTOR(S): KEB BRG		
	STR NO.: 1334		INSPECTION DATE: 04/15/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	6		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	7		
14. Fencing	8	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

- 1: WB: Numerous minor/mod long/map crks throughout, concentrated near pier. Scattered locations of 1"W gap at curbline w/ 6"W delam. Pothole near E abut in north shoulder. EB: Isolated minor long crks. S SHLD: Minor gouges throughout.
- 3: Numerous trans hlcs w/ eff at overhangs and bay N1, concentrated near pier.
- 6: Sidewalk w/ minor scaling.
- 7: TYP: Infrequent full perimeter hlcs w/ light eff or moist. Paraffin jt seals w/ minor deterioration.
- 9: Minor debris accumulation on scupper pans, downspout open. NE and SE grates w/ minor plow damage.
- 12: BOTH JTs: Conc jt header w/ isolated minor spalls, conc repairs & 1/8"W trans crks. Minor plow damage to jt armor. Mod surface rust of sidewalk and curb jt armor. Filled w/ sand.
- 13: BOTH APPR: Pvmt shims on sidewalks to address past settlement (3" at curb). W APPR: Minor trans crks adj backwall.

SUBSTRUCTURE

- 1: SE AND SW WW: Staining throughout. Minor vegetation from vert cj.
- 2: BOTH ABUT: Top at rdwy w/ up to 1/8" wide long crks w/ scattered rust staining, conc repairs & minor plow damage along edge.
- 3: BOTH BREASTWALLS: Scattered minor vert crks.
- 10: NE WW: Trees growing in retained fill.
- 13: BOTH ABUT: Mod sand accumulation at base.

SUPERSTRUCTURE

- 1: PIER BRGS: Mod surface rust on sole pl, apparent IR on some edges.
- 2: Scattered minor corrosion/surface rust to gird bot flange and splices at paint loss locations. Mod corrosion to most cross frames.
- 4: Localized areas of minor paint loss at gird bot flanges, concentrated over rdwy and at bolted connections, heavier losses at cross frames.

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 30.3	Old Alfred Road Underpass			INSPECTOR(S): KEB BRG	
	STR NO.: 1335				INSPECTION DATE: 04/15/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	7	
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7	
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11	
4. Curbs	11	4. - Erosion	11	4. Paint	7	
5. Median	11	5. - Settlement	11	5. Misc.	11	
6. Sidewalk	11	6. Piers - Caps	7			
7. Parapet	7	7. - Columns	8			
8. Railing	8	8. - Scour	11			
9. Drains	8	9. - Settlement	11			
10. Lighting Standard	11	10. Misc	6			
11. Utilities	5	11. Debris on Seats	7			
12. Deck Joints	6	12. Fencing	8			
13. Approaches	7	13. Slope Pavement	7			
14. Fencing	7	14. Drainage Gutters	11			
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH SHLD: 6"W pvmt delam along curblines. N SHLD: Minor longitudinal cracks throughout.

3: BOTH OVERHANGS: Numerous trans crks w/ light eff at pier, isolated elsewhere.

7: BOTH PARAPETS: Scattered minor full perimeter crks throughout. N PARAPET: Map cracking on roadway face over main line NB.

11: CONDUITS BAY N1: Hvy rust of hanging connections.

12: BOTH JTS: Filled w/sand. Seal becoming dislodged at crown, some minor leakage below.

13: BOTH APPR: Pvmt adj to backwalls w/ minor settlement and minor transverse cracks in shoulders. E APPROACH: 3/4"W transverse crk in N shld at bkwl.

SUBSTRUCTURE

2: BOTH ABUTS: Occasional minor vert crks w/ moisture and light eff. W ABUT: Minor eff from horiz cj at S end.

3: BOTH ABUT: Breastwall and pedestals w/ scattered minor vert crks, some w/ light eff or moist.

6: Underside w/ isolated trans hlcs w/ moisture.

10: Trees growing adj to most WWs.

11: BOTH ABUT: Areas of mod pigeon debris.

13: BOTH ABUT: Mod vegetation from jts. Mod sand accumulation at base.

SUPERSTRUCTURE

1: W ABUT: SE corner of elastomeric brg N3 w/ approximately 1/8" uplift. E ABUT: NW corner of elastomeric brgs N1 and N2 w/ approximately 1/8" uplift.

2: GIRDER N1, SPAN W1: Areas of hvy pigeon debris on top of bot flgs.

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 31.25	2nd Thacher Brook			INSPECTOR(S): KEB BRG	
	STR NO.: 1337				INSPECTION DATE: 04/15/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments	- Wings	8	1. Bearing Devices	11
2. Condition Above	11	2.	- Backwall	11	2. Steel Work	11
3. Condition Below	11	3.	- Seat	11	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	8	4. Paint	11
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	11		
7. Parapet	11	7.	- Columns	11		
8. Railing	11	8.	- Scour	7		
9. Drains	11	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		11		
12. Deck Joints	11	12. Fencing		11		
13. Approaches	11	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	11
					59. Overall Superstructure Rating	11
					60. Overall Substructure Rating	11
					61. Overall Channel Rating	7
					62. Overall Culvert Rating	5

Two cell box culvert - 5' H x 8' W each. Located at MM 31.45, N of Alfred Rd.

SUBSTRUCTURE

61: N CELL: Piece of metal sign and tree branch blocking full width of culvert near E end.

62: E HEADWALL: Minor eff from horizontal CJ. Vertical hlcs w/ eff above center wall. CJs w/ mortar loss or dislodged/deter jt seal. W HEADWALL: Scattered minor vertical hlcs. BOTH CELLS AT MIDDLE: Minor transverse cracks w/ active moist, eff & encrustation. N CELL AT MIDDLE: Roof slab w/ 18" dia. x 10" deep spall w/ exposed, debonded, & sheared reinf (full section depth, can see fill). Delam 4" W around spall.

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 31.3	Alfred Road / Rte. 111 Underpass			INSPECTOR(S): KEB BRG	
	STR NO.: 1336				INSPECTION DATE: 04/15/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	6	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	11	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	7		
8. Railing	8	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	7	12. Fencing		8		
13. Approaches	5	13. Slope Pavement		6		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: Minor rutting throughout. Numerous minor long and map crks throughout. Minor potholes along jt header. Mod long crk along crown.

3: BAYS S1 & S2: Scattered trans cracks w/ eff throughout, concentrated near pier. BAY S3: Numerous trans cracks w/ eff throughout. BOTH OVERHANGS: Numerous trans cracks w/ eff near pier. BOTH FASCIAS: Numerous vert cracks w/ eff near pier. N FASCIA: Minor delam along horiz V groove near W abut.

7: BOTH PARA: Scattered full perimeter hlcs, some w/ moisture.

9: Mod debris accumulation on scupper pans, downspouts open.

12: BOTH JTS: Filled w/ sand. Jt header w/ minor spalls throughout, some patched.

13: BOTH APPR: Mod settlement & rutting w/ mod cracking beyond full width patch. Patch w/ minor deter along backwall. Scattered mod crkg and minor potholes. W APPR: Patch w/ mod trans crk. N guardrail w/ mod collision damage. E APPR: S guardrail w/ minor collision damage at several areas.

SUBSTRUCTURE

2: TOP OF BACKWALLS: Up to 3" D spalls at rdwy level throughout, some w/ bit patches or exposing side of jt armor. Minor plow damage along edge.

3: BOTH BREASTWALLS: Occasional minor horiz and vert crks up to full height.

6: PIER CAPS: Map hlcs w/ moist at ends. Scattered vert hlcs w/ moist elsewhere.

7: BOTH PIERS: Map hlcs w/ moist throughout bot half on all faces.

13: BOTH ABUT: Mod debris build up at bot w/ vegetation growth. E ABUT: Pulled away from abut throughout (3 1/2" max at S end), cracked adj ditch. W ABUT: Minor settlement of several panels at N end. One panel has mod spall at bot of trough.

SUPERSTRUCTURE

2: TYP: Mod surface rust at areas of paint deterioration.

4: TYP: Mod paint peeling/flaking along gird bottom flgs, heavier above travel lanes and at splice locations.

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 31.6	Biddeford Interchange Underpass			INSPECTOR(S): KEB BRG
	STR NO.: 1338				INSPECTION DATE: 04/15/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	11	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	7	5. - Settlement	5	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	6	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	5	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		
					FHWA Ratings
					58. Overall Deck Rating 7
					59. Overall Superstructure Rating 7
					60. Overall Substructure Rating 7
					61. Overall Channel Rating 11
					62. Overall Culvert Rating 11

DECK

1: TYP: Isolated minor deterioration and scaling w/ some small potholes (patched). More severe EB lane. Pvmt delam along all four curblines.

3: Occasional trans crks w/ eff at overhangs, some with stalactites. Gird N4 (under median) w/ area of moist, eff and st adj top flg near W abut and scattered elsewhere.

5: MEDIAN BARRIER: Scattered minor vertical cracks w/ moist & eff on both faces.

7: BOTH: Occasional minor vert crks w/ moisture. S. PARA: Exposed form filler and embedded formwork near E abut. N. PARA: Top surface w/ minor scaling.

8: RAIL AT ENDPOSTS: Up to 4" higher than endpost pocket, not recessed.

11: CONDUITS BAY N1: Mod rust of support threaded rods and nuts.

13: BOTH APPR: Previous large settlement has been addressed w/ multiple pvmt shims but settlement has continued, W appr more severe. Shims w/ isolated areas of depressions. Pvmt deteriorated and heavily cracked over bkw1 w/ patched areas in distress in both lanes. Longitudinal crack in WB lane. NW AND SE ENDPOSTS: Minor spalls (plow damage). GUARDRAIL: SW and NE corners with mod to severe collision damage.

SUBSTRUCTURE

1: Significant settlement and rotation of all wingwalls.

3: BOTH ABUT: Diagonal hlc w/ moist from edges of gird bot flg, some w/ light eff. Scattered vert crks w/ moisture and eff.

5: Refer to HNTB Memo for comments pertaining to wingwall settlement.

6: Multiple trans. hlcs on underside btwn columns. Occasional vert hlcs on faces.

13: E ABUT: Pulled away from abut +/- 2" at N end.

SUPERSTRUCTURE

2: GIRD N4: Minor corrosion at gird N4 edges of top flange (below median).

4: Isolated areas of minor paint system failure on edges of gird bot flgs. Gird N4 w/ failed paint on top flg edges throughout. SPAN W1: Hvy paint failure (no corrosion) on girds S1-S3 bot flgs and lower web above SB lanes.

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HNTB Corporation

SECTION 2	MILE: 32.2	3rd Thacher Brook	INSPECTOR(S): KEB BRG
	STR NO.: 1339		INSPECTION DATE: 04/15/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments - Wings	8	1. Bearing Devices	11
2. Condition Above	11	2. - Backwall	11	2. Steel Work	11
3. Condition Below	11	3. - Seat	11	3. Collision Damage	11
4. Curbs	11	4. - Erosion	8	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	11	8. - Scour	7		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	11
59. Overall Superstructure Rating	11
60. Overall Substructure Rating	11
61. Overall Channel Rating	7
62. Overall Culvert Rating	7

Two cell box culvert - 8' H x 8' W each.

SUBSTRUCTURE

61: N CELL: Minor channel debris W end.

W CHANNEL: Heavy debris build up west of culvert end.

62: BOTH BARRELS: Roof slabs w/ scattered minor transverse cracks w/ efflo, stalactites and active moisture. Midspan/CL of culvert isolated 1/8"W full perimeter crks.

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Inspection Field Report

HNTB Corporation

SECTION 2		MILE: 32.8	South Street Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 1340			INSPECTION DATE: 01/01/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	6	13. Slope Pavement	6		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: BOTH ABUT: Minor pvmt deter along jt w/ small areas of exp membrane. TYP: Mod deter along longitudinal pvmt seams. Bit conc patch at pothole in EB lane over NB travel lanes deteriorated. 6" pvmt delam along curblines. Minor scrapes in north shoulder.

3: ALL BAYS: Isolated deck panel jts w/ eff. Isolated trans crks w/ eff. Localized areas of haunch foam sealer dislodged. BOTH OVERHANGS: Scattered trans crks w/ mod eff and some w/ stalactites, concentrated near pier. BOTH FASCIA: Scattered vert crks w/ moisture, some w/ eff. S FASCIA: Horiz jt filler dislodged in isolated locations.

7: BOTH FASCIAS: Isolated vert hlcs w/ eff/moist. S PARAPET: 6"W x 12"H spall adj to jt, 15' from SE corner.

12: E JT: Expansion joint sealant is pulling away at edges at S end.

13: BOTH APPR: Minor settlement, several mod trans crks over backwall. Scattered longitudinal and transverse crks. E APPR: 2' L x 6" W x 2" D pothole. W APPR: 12"W x 12"L x 2"D pothole on EB exposing backwall.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Infrequent vert and diag hlcs w/ moist and eff. W BREASTWALL: Minor spall adj girder N1. E BREASTWALL: Mod st under gird S1.

6: ALL FACES: Isolated hlcs.

11: W ABUT: Mod pigeon debris.

13: BOTH ABUT: Mod sand accumulation. E ABUT: Seal pulling away from abut. Ponding water at base. W ABUT: Minor settlement causing seal to pull away from abut. Mod spall below gird N2.

SUPERSTRUCTURE

1: Isolated sole pls w/ minor surface rust.

2: Minor to mod surface rust of gird bot flgs at areas of peeling paint.

4: ALL GIRDS: Minor peeling paint along girder bot flg edges throughout.

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Inspection Field Report

HNTB Corporation

SECTION 2		MILE: 33	Saco River (Northbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1341			INSPECTION DATE: 04/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	6	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11	FHWA Ratings	
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	13		
9. Drains	6	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing	11	59. Overall Superstructure Rating	5
13. Approaches	7	13. Slope Pavement	11	60. Overall Substructure Rating	7
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating	7
				62. Overall Culvert Rating	11

Visually inspected w/ snooper in 2015. Refer to latest Underwater Inspection Report & the 2012 Hands-On Routine Inspection Report for additional comments.

DECK

3: BOTH OVERHANGS: Occasional trans crks w/ eff some w/ stalactites. Scattered areas of up to 12"L x 12"W delam. BAY E3: Longitudinal const jt w/ eff. Occasional diagonal crks w/ eff in E bay.

4: BOTH CURBS: Isolated minor concrete spalls are developing at the granite curb interface. Minor spall due to plow damage.

8: BOTH RAILINGS: Minor plow scrapes throughout w/ isolated minor gouges.

9: Scupper grates up to 50% clogged, downspout open.

12: BOTH JTs: Filled w/ sand in shlds.

13: S APPR: Isolated minor crks in pvmt adj the backwall. Minor pvmt rutting w/ localized potholes in center and right lanes. NE & SE ENDPOST: Minor/mod cracking and spalls, NE more severe with exposed reinforcing.

SUBSTRUCTURE

2: BOTH ABUT: Occasional minor vert crks. Minor map crks at ends.

3: BOTH ABUT: Occasional minor vert and horiz crks. S ABUT: Delam in bay W4 w/ transverse crack. N ABUT: 3' L x 2' W Delam along crack in bay E4 near brng E4. 1' L x 1' W delam bay E5 at patch.

4: Moderate erosion below SW and NW scuppers.

7: ALL SHAFTS: Vert crk repairs on both faces.

8: See latest Underwater Inspection Report.

61: Minor sediment deposits on SE side.

SUPERSTRUCTURE

1: ALL BRGS: Brgs W1-W4 w/ minor surface rust of top pin. BOTH ABUT: Brgs E1-E4 w/ painted over minor section loss. PIERS S1& S4: Brg W1 tilted south, inconsistent with adj brgs.

2: GIRDERS W1-W4: Mod to severe corrosion and section loss at bot flg and web at ends of girders, painted over w/ no signs of active corrosion. Several small areas (3" dia) of 100% loss of web and/or diaphragm connection plates at ends of girders. Mod pack rust (+/-1/4" avg) btw bot flg and cover plates throughout causing warping of cover plates. GIRDER W1: Multiple locations of mod to severe corrosion holes in lower portion of web adj to stiffeners, up to 5"H x 6"L. Holes were cut into smooth shapes as part of repair contract.

4: GIRDERS E1-E4: Faded & chalky paint w/ localized areas of failure. GIRDERS W1-W4: Isolated areas of minor rust staining.

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HNTB Corporation

SECTION 2		MILE: 33.01	Saco River (Southbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1483			INSPECTION DATE: 04/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	6	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11	FHWA Ratings	
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	13		
9. Drains	6	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing	11	59. Overall Superstructure Rating	5
13. Approaches	7	13. Slope Pavement	11	60. Overall Substructure Rating	7
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating	7
				62. Overall Culvert Rating	11

Visually inspected w/ snooper in 2015. Refer to latest Underwater Inspection Report & the 2012 Hands-On Routine Inspection Report for additional comments.

DECK

- 1: W SHLD: 16"L x 6"W x 1.5"D pothole adj to swl in span N1.
- 3: SPAN N1: 18"L x 2"W delam in bay W2 near N pier. BOTH OVERHANGS: Isolated trans crks some w/ eff and moisture. E OVERHANG: Up to 10"W delam along edge throughout.
- 4: W CURB: Isolated minor concrete spalls are developing at the granite curb interface.
- 8: BOTH RAILINGS: Minor plow scrapes throughout.
- 9: Scupper grates up to 70% clogged, downspout open.
- 12: BOTH JTs: Filled w/ sand in shlds.
- 13: BOTH APPR: Frequent trans crks in shlds. Endposts w/ minor plow damage, minor spalls and minor horiz crks w/ st.

SUBSTRUCTURE

- 2: BOTH ABUT: Occasional minor vert crks.
- 4: N ABUT: Mod erosion below E scupper.
- 7: ALL SHAFTS: Vert crk repairs and patches on both faces.
- 8: See latest Underwater Inspection Report.

SUPERSTRUCTURE

- 1: ALL BRGS: Brgs E1-E4 w/ minor surface rust of top pin. BOTH ABUT: Brgs W1-W4 w/ painted over minor section loss & 1/2" impacted rust at rocker base. PIER S1: Brgs E1 & E4 w/ hvy section loss of bot pin at steel keeper block. PIER S2: Brg E1 w/ painted over 1/2" impacted rust at rocker base.
- 2: GIRDS E1-E4: All losses/impacted rust painted over w/ no signs of active corrosion. Up to 1" impacted rust at gird bot flg cover pls, particularly plate transitions. Minor painted over section loss of lower web & bot flg at trans web stiffeners. BOTH ABUT: Hvy impacted rust at corners of lateral bracing conn pls near abuts. S ABUT: Girds E1-E3 lower web w/ 100% section loss up to 4 3/4"H x 6 3/4"L S of brg stiffener. Girds E1 & E4 brg stiffeners w/ 50% section loss of lower 4" (repaired). Gird E1 bot flange bent upwards 1/2". Gird W3 w/ 3/16" web loss x lower 6" of E face. N ABUT: Girds E1-E4 adj to brg stiffeners w/ up to 1/4" web loss x lower 1 1/4"H & up to 1/2" dia corrosion hole. Girds E1-E4 brg stiffeners w/ 20% avg section loss at lower 4".
- 4: GIRDERS W1-W4: Faded & chalky paint. GIRDERS E1-E4: Isolated areas of minor rust staining.

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HNTB Corporation

SECTION 2	MILE: 33.4	Boom Road Underpass			INSPECTOR(S):	KEB BRG
	STR NO.: 1342				INSPECTION DATE: 04/29/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	7	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	7		
8. Railing	7	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	7	12. Fencing		8		
13. Approaches	6	13. Slope Pavement		6		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: TRAVEL LANES: Minor long crk for full bridge length. Isolated minor crks near abut. BOTH JTs: Mod break-up along jt w/ 2'L x 2"D potholes in SE and NW corners. BOTH SHLDS: Pvmt wedge missing full length. Mod sand accumulation. S SHLD: 2'W delam adj to para throughout.

3: BOTH OVERHANGS: Scattered trans crks w/ light eff some w/ stalactites at pier.

7: BOTH SIDES: Vert hlc w/ moist/eff at rail posts throughout. N RDWY SIDE: Areas of map hlcs w/ moist throughout.

8: S RAIL: Rail splice not engaged at E end.

13: BOTH APPR: Pvmt w/ mod crks, mod settlement and mod breakup along jt. 2" gap btw jt and pvmt. E APPR: Isolated mod trans crks. W APPR: 6" L x 2"D patched potholes along jt in WB and shlds. Isolated mod long crks.

SUBSTRUCTURE

1: ALL WWs: Scattered map hlcs w/ moisture near abut.

2: E ABUT: Vert hlc w/ eff bay S2.

6: Scattered hlcs w/moisture at bot of S cantilever.

11: BOTH ABUT: Mod pigeon debris.

13: BOTH ABUT: Minor settlement and pulling away from breastwall 1" to 2 1/2". W ABUT: Mod vegetation and minor sand accumulation. Settled 2" and mod trans crk at N end.

SUPERSTRUCTURE

2: TYP: Mod surface rust at areas of paint deterioration. Bot flange tension tabs bolts w/mod to hvy corrosion.

4: TYP: Numerous areas of minor/mod paint loss at bot flgs and bot half of webs and diaphs, concentrated over roadway.

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SECTION 2	MILE: 34.4	New County Road / Rte. 5 Underpass		INSPECTOR(S): KEB BRG
	STR NO.: 1343			INSPECTION DATE: 04/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices 8
2. Condition Above	13	2. - Backwall	7	2. Steel Work 7
3. Condition Below	6	3. - Seat	7	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 7
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	7	
7. Parapet	7	7. - Columns	7	
8. Railing	8	8. - Scour	11	
9. Drains	7	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	5	11. Debris on Seats	7	58. Overall Deck Rating 6
12. Deck Joints	7	12. Fencing	7	59. Overall Superstructure Rating 7
13. Approaches	6	13. Slope Pavement	7	60. Overall Substructure Rating 7
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

- 1: TYP: Minor/mod wearing in travel lanes and scattered minor longitudinal and transverse crks throughout. S SHLD: 12"W delam adj to para throughout. Isolated areas in span E1 w/ up to 2"W delam. N SHLD: Isolated 8"W delam adj to para.
- 3: BOTH OVERHANGS: Frequent trans crks w/ mod eff at horizontal and vertical surfaces of soffits along entire length. ALL BAYS: Scattered trans crks w/ mod eff throughout, heavier in bays N1 and N2.
- 7: BOTH FASCIAS: Numerous vert hlcs w/ eff/moist. N RDWY SIDE: Vert hlcs w/ moisture throughout. S RDWY SIDE: Map hlcs w/ moisture throughout. Isolated vert hlcs w/ moisture.
- 9: TYP: Grates up to 50% clogged, downspouts open.
- 11: BAY N1: Conduit joint seperated over rt shoulder of SB roadway. All hanger anchor rods and nuts exhibit mod corrosion.
- 12: BOTH JTS: Filled w/ sand.
- 13: BOTH APPR: Pvmt w/ mod crks and break-up adj to backwall. Mod rutting in WB lane. Endposts w/ map hlc w/ moisture. E APPR: Localized settlement (+/-1") adj to backwall.

SUBSTRUCTURE

- 1: ALL WW: Horizontal crack at cj w/ moisture.
- 3: BOTH BREASTWALLS: Minor hairline map cracking. Full length minor vertical crack at center of wall.
- 6: MEDIAN CAP: Scattered hlcs at bottom.
- 12: NW FENCE: Vine growth on fence, two trees in front

SUPERSTRUCTURE

- 2: TYP: Mod infrequent surface rust throughout, more frequent at gird bottom flanges.
- 4: TYP: Infrequent locations of mod paint deterioration, more frequent at girder bottom flanges.

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SECTION 2	MILE: 35.3	North Street / Rte. 112 Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 1345		INSPECTION DATE: 04/29/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	8
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	8	4. - Erosion	11	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	5	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	7		
14. Fencing	8	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	8
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: TYP: Minor bit binder loss along curbs. Mod longitudinal crks & small spalls along N & S shld striping. Multiple patches along jt. Pothole on north lane line near east abutment. N SHOULDER: 1' W delam along north parapet. S SHOULDER: 1' W delam along sidewalk curb.

3: S1 BAY: Occasional trans crks w/ eff and occasional deck panel jt w/ eff. N OVERHANG: Occasional trans crks w/ eff. S OVERHANG: Numerous trans and vert crks w/ eff. BOTH ABUT: Vert hlcs w/ eff at weep drains.

6: Numerous trans hlcs.

7: BOTH RDWY SIDES: Occasional minor spalls and vert hlcs. Several parapet jts w/ loose or missing sealant. S FASCIA: Numerous vert crks at railing posts.

11: Utilities in bay N1. Utility supports w/hvy rust and corrosion of threaded rods and nuts. E END: Couplings w/ mod rust. Mod pigeon debris on conduits.

12: BOTH JTS: Minor/moderate plow damage. W JT: Signs of minor leakage at south end.

13: S SIDEWALK: Settlement up to 1 1/2" in some locations at joint w/ pymnt shims, both ends. N APPR ENDPOSTS: Minor map cracking w/ moisture. E APPR: Transverse cracks in both lanes near deck joint.

SUBSTRUCTURE

1: NE WW: Scattered map hlcs w/ moisture from horizontal cj.

2: W ABUT: Minor moisture from horizontal cj.

3: W ABUT: Infrequent map hlcs w/moisture. E ABUT: Infrequent minor vertical crks some full height.

6: PIER CAP: Vert hlc on E and W faces above column S2. Underside w/ isolated minor trans crks.

7: S1 AND S2: Scattered map hlcs w/ moisture.

13: BOTH ABUT: Settled 1" at abut. Isolated minor crks at base. Minor vegetation from jts and minor sand accumulation.

SUPERSTRUCTURE

1: W ABUT: Brg S2 w/ light surface rust on sole plate.

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HNTB Corporation

SECTION 2	MILE: 35.7	Saco Interchange Underpass (Westbound)			INSPECTOR(S): KEB BRG	
	STR NO.: 0808				INSPECTION DATE: 04/29/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	7	1. Bearing Devices	4
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	6
3. Condition Below	8	3.	- Seat	7	3. Collision Damage	11
4. Curbs	7	4.	- Erosion	7	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	11	7.	- Columns	7		
8. Railing	7	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		7		
11. Utilities	11	11. Debris on Seats		6		
12. Deck Joints	7	12. Fencing		11		
13. Approaches	7	13. Slope Pavement		6		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	8
					59. Overall Superstructure Rating	6
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

- 4: BOTH CURBS: Granite w/ st throughout.
8: BOTH RAILINGS: Minor plow scrapes throughout. Numerous anchor bolts at rail posts exhibit light rust.
9: Scupper downspouts w/ mod rust.
13: BOTH APPR: Minor pvmt break-up along jt. Guardrail exhibits minor collision damage.

SUBSTRUCTURE

- 1: NW WW: Map hlcs w/ moist throughout.
2: BOTH ABUT: Infrequent vert hlcs. Mod staining from deck jt. W ABUT: Minor spall at N corner adj to roadway jt.
3: BOTH ABUT: Breastwall w/ up to 1/32"W vert crks w/ st & moisture typ at pedestals, some w/ minor eff. E ABUT: 1/32"W long crk in seat in bay N2. W ABUT: Minor seat delam in bay S1.
4: E ABUT: Minor erosion at base of slope paving.
6: BOTH FACES: Minor vert crks and map crks w/ moisture, some st. Heavier on W face.
10: BOTH CLOSURE WALLS: Minor map and vert crks w/ moist some w/ eff. Minor scaling throughout. W CLOSURE WALL: Mod spall adjacent to endpost.
11: BOTH ABUT: Minor debris on seat. PIER: Mod concrete debris on brg S3.
13: E ABUT: Several panels heaved, jt btw top of slope and bench has a 3.5" gap w/ minor undermining. W ABUT: Jt btw top of slope and bench has a 1" gap.

SUPERSTRUCTURE

- 1: BOTH ABUT: Brgs with hvy corrosion, hvy rust & hvy debris/rust accumulation between plates. S anchor bolt of brg N1 is bent. W ABUT: Both anchor bolts are missing for brgs N2 & S1. Brg N2 brg pl shifted 5/16" S. N anchor bolt missing for brg S2. Isolated anchor bolts appear loose. PIER: Fascia brgs w/ mod/hvy rust.
2: Mod surface rust at failed paint locations. BOTH ABUT: Mod rust of lower 2" of gird webs & bot flgs. Scattered girds w/ 1/16" web loss x lower 2". E ABUT: Gird N1 w/ 1/8" web loss x lower 3" on N face & 1/16" web loss x lower 2" on S face.
4: Paint system failure along gird bot flg over rdwy, lower web at abuts & brgs at abuts.

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HNTB Corporation

SECTION 2		MILE: 35.71	Saco Interchange Underpass (Eastbound)		INSPECTOR(S): KEB BRG
		STR NO.: 0807			INSPECTION DATE: 04/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	4
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	5	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	6	11. Debris on Seats	6		
12. Deck Joints	7	12. Fencing	11		
13. Approaches	6	13. Slope Pavement	6		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Occasional trans crks w/ eff.

4: BOTH CURBS: Granite w/ st throughout. Settled on approaches.

8: Minor plow scrapes throughout, isolated minor gouges.

9: Lower 6" of the scupper downspouts have hvy loss w/ small corrosion holes. The rest of the downspout has mod rust.

11: S OVERHANG: Conduit w/ isolated areas of mod corrosion, particularly couplings. Junction box at E end w/ hvy corrosion.

12: APJ at pier with minor transverse cracks at south shoulder.

13: BOTH APPR: One mod trans crk. E APPR: Minor transv. crks adj to jt. Guardrail flattened and two posts rotated due to hvy collision damage W APPR Collision damage to south guard rail.

SUBSTRUCTURE

1: SW WW: Minor map crks w/ moist on face and top.

2: BOTH ABUT: Scattered vert hlcs w/ moist and light eff.

3: BOTH BREASTWALLS: Diag hlcs at pedestals. E ABUT: FW x 2.5'L delam of seat in bay N2. Minor horiz and vert crk w/ st at this location. Seat in bay N1 w/ half width x 2.5'L delam.

6: BOTH FACES: Minor map/vert crks w/ moist throughout. E FACE: Top half delam btw girds S1 & S2. Isolated minor areas of delam. W FACE: Isolated minor spalls.

10: See WB report for closure wall comments.

11: BOTH ABUT: Hvy laminated rust at bearings. PIER: Heavy concrete debris in bay S2. All bays w/ minor debris accum.

13: E ABUT: Pulling away from abut. 2" settlement btw top and sloping portions. Top two panels heaved for N half.

SUPERSTRUCTURE

1: BOTH ABUT: All brgs w/ hvy corrosion & laminated rust btw pls. W ABUT: Brg N2 w/ 1 missing anchor bolt. E ABUT: Brg N1, N3, N4, and N5 w/ 1 missing anchor bolt. Remaining anchor bolts corroded, some loose. PIER: Fascia brgs w/ mod/hvy rust.

2: Mod corrosion over rdwy. BOTH ABUT: Up to 1/8" section loss to bot 4" of web & brg stiffeners of isolated girds. Isolated girds w/ areas of pigeon guanno.

4: Paint system failure along gird bot flgs over rdwy, lower web at abuts and brgs at abuts.

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HNTB Corporation

SECTION 2	MILE: 35.75	Saco Spur Over RR			INSPECTOR(S): KEB BRG
	STR NO.: 0809				INSPECTION DATE: 04/29/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	11
2. Condition Above	13	2. - Backwall	11	2. Steel Work	11
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	11
5. Median	5	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	11	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	6		
11. Utilities	8	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	11
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	11
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: WB LANE: Mod crks throughout.

3: TYP: Scattered map hlc w/ moisture. N FASCIA: Minor spall along underside deck fascia w/ exposed reinforcing.

5: Median pavement w/ minor/mod trans and map cracking and minor vegetation in crks. One 3" wide trans crk full width. Concrete barrier added on top of existing median.

7: BOTH PARAPETS: Minor vert and map crks w/ moist some w/eff and st on both faces. N RDWY SIDE: Minor spall (impact damage) at east end.

13: BOTH APPR: Mod pvmt crks throughout. Mod median settlement at W and E ends. NE guardrail connection to barrier w/ 100% loss x 16"L x 3"H. Bit berm is broken up adjacent SW endpoint.

SUBSTRUCTURE

1: Conc U WWs.

3: BOTH ABUT: Isolated vert hlcs w/ moist, some w/ eff. Map hlcs w/ moist at top at ends. Standing water along abut (RR track drainage swale).

4: Minor erosion at rear face of SW WW.

10: CORRUGATED STEEL RETAINING WALLS: Mod corrosion at wall panel connections to vertical members, heaviest adjacent to abutments. One corrosion hole in wall panel each side of bridge. NW & SW RETAINING WALLS: Tree growing in retained fill.

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SECTION 2	MILE: 37.56	Cascade Brook		INSPECTOR(S): KEB BRG
	STR NO.: 1346			INSPECTION DATE: 04/29/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	6	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	7	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 4
				62. Overall Culvert Rating 6

Two cell box culvert - 8' H x 8' W.

SUBSTRUCTURE

1: TYP: Joint sealant missing at abut. NW WW: 1'L x 2/3 ht delam adj to sealant. E WW: Gabion baskets.

4: SE WW: Mod erosion along WW.

61: BOTH CELLS: Mod rock accumulation. S CELL: Hvy sand aggradation for E half of cell. EAST CHANNEL: Fallen tree blocking flow. WEST CHANNEL: S cell completely blocked by hvy channel debris.

62: BOTH CELLS: Minor scaling to lower 18" of walls. Hvy scaling to floor slab. S & N WALLS: Numerous 1/8"W vert crks w/ mod spalling, active moisture, eff and hvy st. N CELL: Top slab w/ numerous minor long crks w/ hvy eff and stalactites at CL of culvert.

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CROSBY

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 3 Miles: 38.0 to 52.7

BRIDGE SUMMARY: Crosby

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
38.10	Flag Pond Road Underpass	U	6	11	8	7	6	7	6	6	7	11	7	11	11	7	7	6	11	11
39.90	Broad Turn Road Underpass	U	6	11	8	7	6	7	7	7	6	11	7	7	11	7	7	7	11	11
41.40	Beech Ridge Road Underpass	U	6	11	7	7	6	7	7	7	6	11	7	7	11	7	7	7	11	11
42.00	Two Rod Road Underpass	U	7	11	6	7	6	7	7	7	5	11	7	7	11	7	7	7	11	11
42.50	Scarborough Interchange Underpass	U	7	7	5	8	8	6	7	7	5	11	6	7	11	6	6	7	11	11
43.00	Holmes Road Underpass	U	6	11	7	7	7	7	11	6	11	11	7	11	11	7	7	7	11	11
43.40	Nonesuch River	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	6	7
44.00	Gorham Road Underpass	U	7	7	7	6	8	7	6	6	8	11	7	8	11	7	7	6	11	11
44.01	Gorham Road Over I-295 SB Ramp	O	7	7	7	6	8	7	6	6	6	11	7	7	11	7	7	6	11	11
44.30	I-295 Southbound Underpass	U	7	7	6	5	7	7	5	4	5	11	7	11	7	7	7	5	11	11
44.40	Red Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	6	6
44.50	I-295 Over Payne Road (Northbound)	O	7	7	7	7	7	7	6	6	6	5	7	7	11	7	6	6	11	11
44.51	I-295 Over Payne Road (Southbound)	O	7	7	7	7	7	6	6	6	6	11	7	7	11	6	6	6	11	11
44.60	Cummings Road (Spring Street) Underpass	U	6	7	6	7	5	6	6	5	5	5	6	11	4	6	5	6	11	11
44.90	S. Portland Interchange Underpass	U	7	11	7	6	6	6	5	4	5	5	6	11	7	6	5	5	11	11

Maine Turnpike Annual Inspection 2016

Inspection Field Report Prepared by: HNTB Corporation

SECTION: 3 Miles: 38.0 to 52.7

BRIDGE SUMMARY: Crosby

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
44.91	Payne Rd over Exit 45 ramps	U	4	8	7	7	8	7	8	8	7	11	7	11	7	7	7	8	11	11
45.40	Running Hill Road Underpass	U	5	7	6	5	5	6	7	6	6	11	6	6	11	6	5	7	11	11
46.30	Jetport / Congress St. Interchange Underpass	U	8	11	8	8	8	6	11	13	11	11	7	6	11	6	6	7	11	11
46.40	Congress Street / Rte. 22 Underpass	U	7	8	8	7	7	7	11	8	11	11	8	7	8	7	8	7	11	11
46.70	Stroudwater River (Northbound)	O	7	7	7	8	8	6	6	5	6	11	6	11	7	6	5	6	7	11
46.71	Stroudwater River (Southbound)	O	7	7	7	8	8	6	6	5	7	11	7	11	7	6	6	6	7	11
47.10	Westbrook Street Underpass	U	6	8	8	8	7	7	8	8	7	11	7	7	11	7	7	8	11	11
47.30	Rand Road / Westbrook Interchange Underpass	U	5	11	6	4	7	7	11	7	11	11	7	11	11	7	7	7	11	11
47.70	Rand Road Connector Underpass	U	5	11	7	11	8	7	11	7	11	11	7	11	11	7	7	7	11	11
47.80	Fore River	O	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	4	7
47.90	Maine Central RR Overpass (Northbound)	O	7	7	7	7	7	6	6	6	6	11	6	11	5	6	6	6	11	11
47.91	Maine Central RR Overpass (Southbound)	O	6	7	7	7	7	7	6	6	6	11	6	11	7	7	6	6	11	11
48.30	Brighton Avenue Underpass	U	7	7	8	6	7	7	7	8	7	11	7	7	11	7	7	7	11	11
48.50	Riverside St. / Larrabee Rd. Interchange Underpass	U	7	11	8	8	8	8	8	8	8	11	8	8	11	8	8	8	11	11
49.00	Warren Avenue Overpass (Northbound)	O	7	7	7	7	8	7	6	6	6	6	6	11	5	7	6	6	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 3 Miles: 38.0 to 52.7

BRIDGE SUMMARY: Crosby

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
49.01	Warren Avenue Overpass (Southbound)	O	7	7	7	7	7	7	6	6	6	6	6	11	4	7	6	6	11	11
50.00	Forest Avenue Overpass (Northbound)	O	7	11	7	8	7	5	5	5	5	6	6	11	6	5	6	5	11	11
50.01	Forest Avenue Overpass (Southbound)	O	6	11	7	8	7	5	5	5	5	5	6	11	5	5	5	5	11	11
50.75	Deering Brook	O	11	11	11	11	11	11	11	11	11	11	6	11	11	11	11	11	5	6
51.20	Riverside Street Overpass (Northbound)	O	7	11	7	7	8	7	5	5	5	5	7	11	5	7	5	5	11	11
51.21	Riverside Street Overpass (Southbound)	O	7	11	7	7	7	7	6	6	6	11	7	11	5	7	5	6	11	11
51.60	Falmouth Spur Interchange Underpass	U	7	11	8	8	7	7	5	6	5	5	6	11	11	7	5	5	11	11
51.80	Presumpscot River (Northbound)	O	7	7	8	8	8	7	7	8	7	11	7	11	11	7	7	7	8	11
51.81	Presumpscot River (Southbound)	O	7	7	8	8	7	7	7	8	7	11	7	11	11	7	7	7	7	11
52.00	Blackstrap Road Underpass	U	7	7	9	8	8	8	7	7	6	11	7	11	11	8	6	7	11	11

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 38.1	Flag Pond Road Underpass		INSPECTOR(S): KEB BRG
	STR NO.: 1347			INSPECTION DATE: 05/03/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices 6
2. Condition Above	13	2. - Backwall	7	2. Steel Work 6
3. Condition Below	7	3. - Seat	7	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 7
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	7	
7. Parapet	7	7. - Columns	7	
8. Railing	8	8. - Scour	11	
9. Drains	8	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	6	FHWA Ratings
11. Utilities	11	11. Debris on Seats	8	58. Overall Deck Rating 7
12. Deck Joints	7	12. Fencing	8	59. Overall Superstructure Rating 6
13. Approaches	6	13. Slope Pavement	11	60. Overall Substructure Rating 7
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

1: TYP: Minor bit binder loss at gutterline & scuppers. Infrequent minor long crks in travel lanes. Minor potholes in EB & WB lanes over NB travel lanes. Mod sand build-up at both curblines.
 3: ALL BAYS: Scattered trans crks w/ eff. BOTH OVERHANGS: Trans crks w/ moisture and eff, some w/ stalactites at pier.
 7: BOTH PARAPETS: Occasional map/vert hlcs w/ eff on rdwy side. Top of parapets w/ minor scaling. BOTH FASCIAS: Numerous vert hlcs w/ moist. Eff and some st at horiz paraffin jts. Sealant loose or missing at some locations.
 8: Minor collision scrapes on north rail posts over SB travel lanes.
 12: BOTH JTS: Minor plow damage. E JT: Evidence of previous jt leakage. W JT: Minor deterioraton on seal at DYL.
 13: E APPR: Mod cracking along bkwl. Various longitudinal cracks - 25% sealed, mod deterioration to sealant. EB lane at jt w/ pothole exposing membrane. W APPR: Scattered long & trans crks - 50% sealed, mod deterioration to sealant. Bit pvmt deteriorated and patched along jt w/ exposed membrane at NW corner. Minor settlement adj bkwl. ENDPOSTS: Minor map cracking w/ moist. SW ENDPOST: Minor scaling on top.

SUBSTRUCTURE

2: BOTH ABUT: Isolated vert hlcs. E ABUT: Jt leaking onto backwall and seat btw girds N1 and N2. W ABUT: Jt leaking onto backwall and seat at girds S1 and S3.
 3: BOTH ABUT: Isolated vert hlcs.
 6: Undersides w/ trans hlcs w/ moist.
 10: Small tree growing under bridge at NW corner. Small trees growing adj to WWs.

SUPERSTRUCTURE

1: E ABUT: N2 and S2 brgs exhibit +/- 5/8" of lateral displacement to S. NW corner and N edge of bearings not in contact w/abut seat (up to 3/16" gap), +/- 1/8" lateral displacement at other bearings. W ABUT: All bearings exhibit +/- 1/2" of lateral displacement to S.
 2: Scattered areas of light corrosion at gird bot flgs and bot splice plates where paint has peeled. Mod corrosion/laminated rust on top of bot flg of N fascia girder full length, less severe at S fascia. Mod corrosion at ends of girders adj E exp jt.
 4: Scattered areas of peeling paint from gird bot flanges and splice plates. Heavily peeled from top of bot flg of N fascia girder.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 39.9	Broad Turn Road Underpass	INSPECTOR(S): KEB BRG		
	STR NO.: 0268		INSPECTION DATE: 05/03/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: BOTH SHLDS: Pvmt delam around scuppers, along curbline and extending up to 8"W into shld for full bridge length. BOTH LANES: Sealed crks. Isolated minor long/trans crks. Failed patches over NB travel lane. WB LANE: Failed patch over SB travel lane. Small pothole forming adj to W jt.

3: BOTH OVERHANGS: Scattered eff and moist from para joint.

7: BOTH SIDES: Numerous vert crks w/ moisture and eff. S PARAPET: Mod crk and small incipient spall at W end above embankment.

9: Minor sand accumulation on scupper pans, downspouts open.

13: BOTH APPR: 1" gap btw pavt and jt armor. Sealed crks throughout. Endposts w/ map hlcs and moisture. SE AND NE GUARDRAILS: Mod collision damage

SUBSTRUCTURE

1: E ABUT: Both WWs w/ minor map cracking w/ moist throughout. W ABUT: South WW w/ minor map cracking w/ moist throughout.

3: W ABUT: Minor map cracking near SW WW. E ABUT: Minor vert and trans cracks throughout.

6: Occasional minor cracks with moisture.

7: N&S COL: Minor hlcs throughout.

12: SE fence gate left open.

13: E ABUT: Slope pavement pulled away ½" from breastwall. One panel pulled away +/-1" at S end. BOTH ABUT: Vegetation growth in jts.

SUPERSTRUCTURE

2: Numerous areas of mod rust on gird bottom flanges and splice pls at failed paint system locations.

4: Numerous scattered paint loss on gird bottom flanges and at splice plates. Areas of paint failure on fascia girder webs over roadway.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 41.4	Beech Ridge Road Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 0269			INSPECTION DATE: 05/03/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Numerous minor long crks in travel lanes. 12" dia x 1.5"D pothole in EB near pier. BOTH JTS: Minor pvmt break-up along jt. BOTH SHLD: Numerous areas of pvmt delam along parapets up to 12"W.
 3: INT BAYS: Occasional trans hlcs, particularly bay S2. BOTH OVERHANGS: Occasional trans crks w/ eff. N fascia crcks more concentrated over pier.
 7: BOTH PARAPETS: Numerous vert/map hlcs w/ moisture on both faces, some w/ light eff. Minor scaling along top of parapet. Minor plow scrapes throughout. S RDWY SIDE: Mod spall (above median).
 12: BOTH JTs: Minor deterioratin of the seal.
 13: BOTH APPR: Mod trans crk along jt. ALL ENDPOSTS: Minor map crk'g w/ moisture, some w/ eff. Some endposts with minor spalls (plow damage). SE ENDPOST: Seal at long joint at granite failed. W APPR: Minor collision damage to north guardrail.

SUBSTRUCTURE

1: ALL WWS: map hlcs w/ moisture throughout.
 2: E ABUT: Moisture and rust staining from horiz cj.
 3: BOTH ABUT: Horiz, map and vert hlcs w/ moisture. 1/16" wide x full height vert crk at center.
 6: TYP: Scattered transverse hlcs on underside. W FACE: One diagonal hlc extending up from the N column.
 7: S COL: Scattered map hlcs lower half.
 13: BOTH ABUT: Minor vegetation growth at jts. Debris & sand at bot. E APPR: 1" gap at abut.

SUPERSTRUCTURE

2: TYP: Numerous areas of light corrosion at gird bot flgs and splice plates.
 4: BOTH SPANS: Numerous locations of peeling paint at gird bot flg and splice plates.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 42	Two Rod Road Underpass			INSPECTOR(S):	KEB BRG
	STR NO.: 0270				INSPECTION DATE: 05/03/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	11	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	4	7.	- Columns	8		
8. Railing	8	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11	FHWA Ratings	
11. Utilities	4	11. Debris on Seats		8	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing		7	59. Overall Superstructure Rating	7
13. Approaches	7	13. Slope Pavement		7	60. Overall Substructure Rating	7
14. Fencing	11	14. Drainage Gutters		11	61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH LANES: Sealed long crks. BOTH SHLDS: Scattered areas of minor pvmt deter along curbs and joints. 6" wide delam along curb throughout. WB LANE: Minor pothole forming over SB rdwy.
3: INT BAYS: Occasional minor trans crks. BOTH OVERHANGS: Trans hlcs w/ moist throughout, higher concentration at pier w/ eff and stalactites. E ABUT: The E most weep drain is dripping onto bot flange of S fascia beam.
7: Slip formed. RDWY FACES: Vert/map hlc w/ eff and moisture - frequent full ht S side and less frequent full ht N side. Isolated sealed full perimeter 1/4"W crks. Isolated minor long cks on top w/ delam. BOTH FASCIAS: Horiz jt w/ moisture, staining and eff throughout. Numerous minor vert/map crks w/ moisture some w/ eff. S PARAPET FASCIA: (above NB left shld/median) Fh x 3' L delam w/ hvy cracking and 3'L x FH x 6"D spall at top w/ exp reinf. (Spall resulted from removal of delam conc by MTA in 2013 and 2015).
11: BAY N1: Hangers for PVC conduit have moderate/heavy corrosion of threaded rods & nuts. Conduit disconnected adjacent to both abut.
13: W APPR: N endpost w/ minor spall (impact damage). NW guardrail w/minor plow damage. E APPR: Minor spalling along exp jt.

SUBSTRUCTURE

1: SW & SE WW: Map hlc w/ moisture throughout.
2: W ABUT: Occasional minor map and vert crks w/ moisture and st. Staining and moisture at utility penetration.
3: BOTH BREASTWALLS: Isolated map hlcs w/ moist. W BREASTWALL: Few minor horiz crks w/ st at N end.
6: CAP AT S END: Minor map cracking w/ moisture.
13: BOTH ABUT: Slope pavement pulled away 3/4" from face of abutment, sealed in 2014.

SUPERSTRUCTURE

2: TYP: Girders exhibit light/mod corrosion w/ surface rust at failed paint system locations.
4: ALL GIRDS: Paint on gird bottom flange is peeling at numerous locations throughout and is generally missing from nuts and bolts. Paint peeling at splice locations. FASCIA GIRDS: (N1 over SB lane & S1 over NB lane) exhibit areas of paint failure fh of web.

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 42.5	Scarborough Interchange Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 6357			INSPECTION DATE: 05/03/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	6	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	6	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	8	4. Paint	5
5. Median	7	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	11	7. - Columns	6		
8. Railing	5	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	5	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	6
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Numerous trans hlcs w/ moist. ALL BAYS: Minor map cracking w/ moisture throughout. BOTH FASCIAS: Numerous horiz/vert hlcs w/ moist.

4: BOTH CURBS: Vert crks w/ moisture and eff on fascia side of curbs. Numerous trans crks w/ moisture on top of brush curb, some continue on granite curb.

5: MEDIAN BARRIER: Numerous map, trans and vert crks w/ moisture and eff.

8: BOTH RAILINGS: Top rail exhibits minor plow damage throughout. S RAILING BTW POSTS E10-E11: Minor bend of bot rail due to collision damage. Post E10 base crkd through at W end.

11: BAY N1: Hvy rust of conduit couplings.

12: W JT: Mod pvmt separation along backwall.

13: BOTH APPR: Guardrail exhibits scrapes & minor damage from plows. W APPR: Scattered minor trans crks. SE AND NW ENDPOSTS: Minor spalls (plow damage). ALL END POSTS: Map cracking.

SUBSTRUCTURE

1: ALL WWs: Vert jt sealant w/ minor deterioration/displacement. SE WW: Map hlc w/ moist throughout.

2: TYP: Cheek walls w/ minor mc w/ moist throughout on interior & exterior faces. Bkwl w/ scattered vert hlcs. W ABUT: N side bkwl w/ hvy mc. S cheek wall exterior face w/ mod horiz crk w/ eff at top.

3: BOTH ABUT: Isolated vertical hlcs w/ moist. Map hlc at N and S ends. E ABUT: Isolated horiz hlcs w/ moist.

6: BOTH FACES: Map/vert minor crks w/ moist throughout. More severe on hammerheads.

7: BOTH FACES: Map hlc w/ moist throughout. Isolated minor vert crks w/ moist, including on S face.

13: BOTH ABUT: Mod sand accumulation at base. W ABUT: Settled 1". E ABUT: Minor spall at S end

SUPERSTRUCTURE

1: TYP: Mod corrosion at bottom half of brgs, heavier at pier.

2: TYP: Mod rust at areas of paint deterioration, more frequent at bottom flanges above travel lanes. Minor rust of conn bolts. Mod rust of lower half of brgs.

4: Numerous areas of failed paint system on gird bot flg and lower web. Failed paint system lower half of brgs.

HNTB Corporation

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 43.4	Nonesuch River		INSPECTOR(S): KEB BRG
	STR NO.: 0272			INSPECTION DATE: 05/03/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	7	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	13	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 6
				62. Overall Culvert Rating 7

Single cell arch culvert. Unable to inspect inside barrel due to high water 2011-2015. Refer to the most recent Underwater Inspection Report for additional information.

SUBSTRUCTURE

1: NW & SW WWs: Minor map hles throughout. NW WW: 1/16" wide long crack on top surface.

4: SW WW: Minor slope erosion at bottom.

61: Downstream channel with mod erosion of river banks, particularly SE quadrant. Upstream channel with mod debris.

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SECTION 3	MILE: 44	Gorham Road Underpass	INSPECTOR(S): KEB BRG		
	STR NO.: 6302		INSPECTION DATE: 05/10/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	11	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	7	11. Debris on Seats	8		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	8		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: TYP: Isolated trans crks w/ light eff at overhangs. SPAN W1: Incipient spall in bay S2 over SB travel lane.

4: BOTH CURBS: Minor plow scrapes. S CURB FASCIA: Horiz crk w/ light eff over NB shld and travel lane.

8: BOTH RAILS: Minor plow scrapes throughout.

12: WJT: Cracking of ABJ full width & leaking below. Patched asphalt areas dpressed. EJT: Similar but no signs of leaking.

13: BOTH APPR: W beam guardrail w/ minor collosion damage. NE GUARDRAIL: Mod impact damage w/ approx 12" of sweep over 12'. SW GUARDRAIL: 18" L collision damaged area.

SUBSTRUCTURE

2: TYP: Scattered infrequent vert hlcs.

3: BOTH BREASTWALLS: Minor/mod map cracking throughout. Minor horiz crks at N and S ends.

6: BOTH FACES: Minor trans crk btw girds S1 and S2.

7: ALL COL: Minor mc extending up to fh on all faces.

12: All corners fence failed.

SUPERSTRUCTURE

1: BOTH ABUT: Rockers w/ minor abrasion dust. Painted over minor loss to masonry pls and nuts. W ABUT: Up to 1" tilt toward median pier.

2: TYP: All losses painted over. Minor losses of gird bot flgs & diaph over rdwy. Minor losses at ends of girders at abutments. W ABUT: Gird N1 brg stiff w/ avg of 3/8" remaining on N side approx 6" high from bot. Other stiff similar less severe. E SPAN GIRD BOT FLG SPLICES: Top pl w/ minor bends.

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SECTION 3	MILE: 44.01		INSPECTOR(S): KEB BRG
	STR NO.: 6301	Gorham Road Over I-295 SB Ramp	INSPECTION DATE: 05/10/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	6	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	6	12. Fencing	6		
13. Approaches	7	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Occasional trans hlcs w/ eff or moist. Concrete repairs throughout.
4: S CURB: Scattered minor crks on top of curb.
8: BOTH RAILS: Minor plow scrapes/damage throughout.
12: W JT: Scattered 1/8" wide long crks in APJ 6" x 9" area of mod deter in N shld. E JT: Scattered 3/16" wide long crks in APJ and minor rutting.
13: BOTH APPR: Minor rutting & scattered minor trans crks. One mod fw trans crk at W end. Endposts w/ minor spalling due to plow damage.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Minor/mod map cracking throughout. Most severe at E abut.
4: SE WW has moderate (4'Wx2.5'D) erosion along most of length.
11: Evidence of pigeon debris.
12: Fence broken at NW WW.
13: BOTH ABUT: Mod sand accumulation at base. Minor vegetation in jts. E ABUT: 2 panels near base heaved.

SUPERSTRUCTURE

1: TYP: Light/mod corrosion, heavier at E abut.
2: TYP: Minor/mod rust to gird bot flg edges throughout above roadway, webs/stiffeners at abut and end diaphragms.
4: ALL GIRDERS: Surface failures throughout & chalky. Most severe over ramp roadway on bot flanges. S1: Paint failed on web near W abut.

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SECTION 3	MILE: 44.3	I-295 Southbound Underpass			INSPECTOR(S):	KEB BRG
	STR NO.: 6303				INSPECTION DATE: 05/10/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	8	1. Bearing Devices	4
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	5
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	7	4.	- Erosion	6	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	11		
7. Parapet	11	7.	- Columns	7		
8. Railing	6	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	7	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	5	12. Fencing		11		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		7		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	5
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: TYP: Scattered minor areas of broken up pavement. BWL: Small patch depressed adj to E jt.

3: TYP: Infrequent trans crks w/ light eff at overhangs and apparent scattered infrequent minor delam.

8: TYP: Rails w/mod collision scrapes. Posts w/minor collision scrapes. N RAIL: Bot rail bent up to 1/2" over SB shoulder.

10: Light post access cover is removed from post on bridge exposing electrical wiring.

12: W JT: N curb armor offset 2 1/2" off endpost armor. E JT: Seal appears dislodged from extrusions at several locations, staining on backwall.

13: BOTH APPR: Pvmt w/ minor trans cracking. Endposts w/ spalling from impact, most severe NW w/ exposed reinf.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Up to 1/16" wide horiz and map crks w/ rust staining. W ABUT PEDESTAL S1 & S3: Mod rust st. S3 with 6" H delam at NE corner and N face.

4: Mod erosion at NW WW.

7: MIDDLE PIER: Minor map crkg for lower 2/3 ht of all faces. MIDDLE PIER COL S2 & S3: Isolated areas of delam. W PIER COL S2: 2'Lx7"W delam on top N corner. W PIER COL S1: 2' W x 6" H delam on E face, 1' H x FW delam on S face.

14: BOTH ABUT: Hvy sand accumulation w/ standing water in spots.

SUPERSTRUCTURE

1: ALL PIERS: Tall rockers. Mod corrosion at all brgs. Debris accumulated btw masonry plates and brg rockers impeding rocker rotation. Hvy laminated rust btw keeper plates at top of rocker. Rockers w/ up to 1" tilt away from fixed brgs at median pier. BOTH ABUT: Hvy rust and mod corrosion to brgs and anchor bolts, hvy at fascia brgs. Up to 1" tilt away from fixed brgs at median pier. Heavy debris/laminated rust accumulated btw masonry plates and brg rockers lifting rockers up to 1/2" off of masonry pl and impeding rocker rotation. Minor abrasion dust.

2: TYP: Localized areas of mod corrosion and minor section loss throughout. Minor/mod section loss (estimated at 1/32" to 1/16") by full width of girder bot flgs over rdwy between splices, ends of girders, haunched areas at piers and diaphragms at piers. Pack rust at bot flg splices above roadway. FASCIA GIRDERS: Mod corrosion w/ up to 1/16" section loss at bot of the inside face of web adj scuppers. N1 W ABUT: 9'-5" from end of girder 1/16" loss to inside face of web full height (at scupper downspout), remaining section at bot flg is 3/4" at S edge, 25/32" at S side of web, 1 1/8" N side of flg.

4: TYP: Minor peeling/flaking paint throughout. Bot flanges and lower web of girders w/ mod/hvy paint loss concentrated over roadway and bearing locations.

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SECTION 3	MILE: 44.4	Red Brook		INSPECTOR(S): BRD AGP
	STR NO.: 6461			INSPECTION DATE: 06/15/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	6	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	5	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 6
				62. Overall Culvert Rating 6

One cell corrugated steel pipe culvert - 12' H x 10' W.

SUBSTRUCTURE

1: Concrete posts adj to culvert openings.

8: W END: 12' L x 6' W x 2.5' D scour hole.

10: Trees growing above culvert and adj to concrete posts. NE silt fence down.

61: Mod rock accumulation in culvert and at both ends. Mod sand aggradation at W end.

62: ALONG WATELINE: Mod corrosion w/ rust staining. Nuts for vert conn w/ hvy blooming. Isolated 2"H x 1"L corrosion holes at W end.

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HNTB Corporation

SECTION 3	MILE: 44.5		INSPECTOR(S): KEB BRG
	STR NO.: 6304	I-295 Over Payne Road (Northbound)	INSPECTION DATE: 05/10/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	5
4. Curbs	7	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	7	11. Debris on Seats	5		
12. Deck Joints	7	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	7		
14. Fencing	8	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 3: BOTH FASCIAS: Minor long and trans crks throughout. Scattered patched areas.
 8: TYP: Mod plow scrapes/gouges several post. Minor plow scrapes on rails throughout.
 11: Missing clamp support at 2nd from N abut.
 12: BOTH JTs: Minor wear.
 13: SE and NE endposts exhibit minor/moderate spalling from collision damage, SE w/ rs. W-beam guardrail transitions.
 14: Snow fence along each railing.

SUBSTRUCTURE

- 1: NE WW: Map hlc throughout. SE WW: Map hlc at abut.
 3: S ABUT: Isolated minor delam in areas of repair. Minor to mod mc throughout. Hvy staining from bridge seat. N ABUT: Minor mc throughout.
 11: BOTH ABUT: Heavy pigeon debris.
 12: NE and SE corner is damaged.

SUPERSTRUCTURE

- 1: BOTH ABUT: Mod corrosion of brgs. Hvy pigeon debris on brgs. N ABUT: Mod/hvy corrosion of brg E1.
 2: BOTH ABUT: Localized areas of light/mod corrosion at ends of girders. Heavy pigeon debris on girders.
 3: Many high load scrapes on girds E2 & E3 and occasional on E4. GIRDER E1: High load scrapes throughout. Approx 1" of sweep toward interior bays. Diaphragm cross bar is bent.
 4: Moderate/heavy deterioration at girder ends, brgs and diaphragms, chalky elsewhere.

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HNTB Corporation

SECTION 3	MILE: 44.51	I-295 Over Payne Road (Southbound)			INSPECTOR(S): KEB BRG	
	STR NO.: 1390				INSPECTION DATE: 05/10/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	7	1. Bearing Devices	6
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	6
3. Condition Below	6	3.	- Seat	6	3. Collision Damage	11
4. Curbs	7	4.	- Erosion	11	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	11		
7. Parapet	11	7.	- Columns	11		
8. Railing	7	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	6	11. Debris on Seats		5		
12. Deck Joints	7	12. Fencing		7		
13. Approaches	7	13. Slope Pavement		7		
14. Fencing	8	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	6
					59. Overall Superstructure Rating	6
					60. Overall Substructure Rating	6
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH SHLD: 6" wide delam in gutters.

3: BOTH ABUT: Slab ends adj jts heavily spalled w/ exposed reinforcement and eff at joints. BOTH FASCIAS: Scattered hlcs along perimeter of concrete repair, heavier at west fascia. E FASCIA: Minor long crk full length. BOTH OVERHANGS: Occasional minor trans crks w/ eff.

4: BOTH CURBS: Occasional small areas of minor concrete deterioration at top of curb along granite curb.

8: Minor plow scrapes throughout.

11: Minor rust of utility support clamps for conduits along W fascia. Access cover at N end detached & exposing wires.

12: BOTH JTS: Minor wear. S JT: 5'L x fw section at rdwy centerline depressed 1" w/ bituminous patch.

13: BOTH APPR: Endposts w/ minor scaling. NE ENDPOST: Areas at minor delam.

14: Snow fence along each railing.

SUBSTRUCTURE

1: ALL WW: Vert jt seals failed.

3: BOTH ABUT: Minor horiz crks w/moist N & S faces. S ABUT: Extensive up to 1/32" wide mc throughout. N ABUT: Extensive map hlc throughout, w/ minor eff for E half.

11: BOTH ABUT: Hvy pigeon debris.

SUPERSTRUCTURE

1: BOTH ABUT: Brgs w/ mod rust and hvy pigeon debris.

2: BOTH ABUT: Mod rust at ends of beams and end diaphragms. Hvy pigeon debris on beams.

4: Mod/hvy paint deterioration at beam ends, brgs and end diaphragms, chalky elsewhere.

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HNTB Corporation

SECTION 3	MILE: 44.6		INSPECTOR(S): KEB HJW
	STR NO.: 0276	Cummings Road (Spring Street) Underpass	INSPECTION DATE: 05/13/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	5	1. Abutments - Wings	6	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	5	2. Steel Work	6
3. Condition Below	6	3. - Seat	6	3. Collision Damage	5
4. Curbs	7	4. - Erosion	6	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	6		
8. Railing	6	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	5		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	4		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	4		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	5
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: BOTH ABUT: Up to 3"W missing pvmt along jt exposing deck membrane. W ABUT: Several patches. E ABUT: Up to 1" depressed patches w/ pvmt break-up in WB lane. BOTH LANES: Mod longitudinal cracks in lanes and at the crown throughout. Scattered minor trans crks. WB LANE: 3'L x 5.5'W x up to 3" sloughing of patch over NB. Craced concrete patch N shoulder.

3: ALL BAYS: Scattered transverse cracks throughout. BOTH OVERHANGS: Numerous trans/vert crks w/ light eff and moisture. BAY N2: Over SB rdwy 3'Wx30'L delam area w/small pockets of spalls (delineated for construction).

4: BOTH CURBS: Top w/ minor map crkg w/ moist and eff. BOTH FASCIAS: Numerous vertical cracks w/ moisture, some w/ eff. Undrmining of granite curb near W approach.

8: N RAILING: 2 rail posts above NB w/ mod bends due to collision damage, 1 rail post w/ flg tear. Sheared anchor bolt, N Shoulder over NB.

12: BOTH JTs: Minor/mod plow damage to jt armor. Filled w/ sand. W JT: Heavy plow damage to jt curb armor.

13: BOTH APPR: Guardrail w/ mod collision damage throughout. Endposts w/ frequent trans and horiz cracks. W APPR: Minor pvmt break-up along deck jt. S grail w/ hvy collision damage to 20'L (2 sections), not attached to one post and protruding within 12" of travel lane. E APPR: Minor trans crks along deck jt. W APPR: Granite curb damaged and protruding into roadway 1".

SUBSTRUCTURE

1: ALL WWs: Extensive minor mc. NW WW: Minor spalls on top. SW WW: Minor spalling on top.

2: BOTH ABUT: Extensive minor mc throughout. Localized areas of up to 1.5"D scaling/ spalling. Rust staining from deck jt. E ABUT: Bay S1 6"Lx2'Hx1"D spall with surrounding delam.

3: TYP: Infrequent minor cracking and delam w/ rust staining. Pedestals w/ occasional minor crks. W ABUT: 2'L x 15"W x 2"D seat spall behind beam S1. E ABUT: 2'L x 4"H x 2"D breastwall spall in bay S1. 10"L x 8"H x 2"D breastwall spall in bay N1. 3.5'L x fw (2'W) x 3.5"D seat spall adj to beam N2. N face of N2 pedestal w/ 2"L x 2"H x fw spalling.

4: E ABUT: Mod erosion at N half due to deteriorated gutter. W PIER: Mod erosion at N end.

6: ALL CAPS: Minor cracking of hammerhead undersides and faces.

7: ALL SHAFTS: Extensive minor mc throughout. Isolated small areas of delam & rust staining. E SHAFT: Up to 3'H delam for most of W face.

10: Trees growing under bridge in end spans.

11: BOTH ABUT: Minor sand accumulation.

12: ALL WWs: Fence missing/down.

14: TYP: Bit gutters w/ mod/hvy deteriorated at edges and filled w/ sand & vegetation. E ABUT: More severe and not functioning as intended.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 44.6 STR NO.: 0276	Cummings Road (Spring Street) Underpass	INSPECTOR(S): KEB HJW INSPECTION DATE: 05/13/2016
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SUPERSTRUCTURE

1: TYP: Minor to mod rust, heaviest at masonry pl. Contracted rockers. BOTH ABUT: Hvy rust/sand accumulation at rocker bases. W ABUT: Brg N1 significantly more contracted (1.5") than others. Bolster N1 crkd weld at beam bot flg due to 1/2" impacted rust. E ABUT: Brg S1 and S2 significantly more contracted (1.5") than others. E corner of masonry plates adj to backwall broken off or hvy section loss up to anchor bolt hole.

2: TYP: Mod rust and assumed minor section loss at areas of failed paint, heaviest above roadway.

3: Beam N1 bottom flange above SB bent 6"L x 3/4"H w/ 1" sweep.

4: Failed paint system over rdwy for beams & diaphragms.

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SECTION 3	MILE: 44.9		INSPECTOR(S): KEB BRG
	STR NO.: 0370	S. Portland Interchange Underpass	INSPECTION DATE: 02/23/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	4
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	6	3. - Seat	6	3. Collision Damage	5
4. Curbs	11	4. - Erosion	7	4. Paint	5
5. Median	8	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	5		
7. Parapet	7	7. - Columns	5		
8. Railing	11	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	6	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	5
60. Overall Substructure Rating	5
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: WB LANE: Long pavement seam, sign of moisture penetration 2'x4' pavement break up. EB LANE: Long pavement seam sign of moisture penetration 2'x2' pavement patch.
3: TYP: Scattered trans crks w/ moist & eff throughout. Scattered cracks with efflo, heaviest adj top flg of girder S3 in span W1 w/ moisture, eff, stalactites & constant water drops. Scattered areas of full depth patching. Evidence of moist below patched areas of pavement above.
5: Light weight steel barrier.
7: Light weight steel barrier, isolted reflectors failed.
12: BOTH JTS: Minor plow damage to jt armor. E JT: Seal missing.
13: BOTH APPR: Endposts w/ mod map crks, moist & eff. W APPR: Pavement shimmed. Large area of patched bit conc. Similar condition at E Appr. SW ENDPOST: Several minor spalls at interior face. NW ENDPOST: Spall at survey monument . NE ENDPOST: Large bot spall with several small spalls at interior face.

SUBSTRUCTURE

1: TYP: Mod spalls and mod/hvy map cracking throughout.
2: BOTH ABUT: Mod/hvy crks at ends. 1/16"W cracks, minor popouts and areas of minor rust staining throughout.
3: TYP: Top and front of seat w/ minor/mod crks some w/ staining.
6: ALL PIER CAPS: Mod mc w/ moisture, staining and eff, heaviest at overhangs. Frequent cracks up to approx 1/8" wide on/under overhangs with delam. MED PIER CAP: Up to 1/8" wide horiz crk/mod corner delam for full length of cap at top on E and W faces.
7: ALL PIER SHAFTS: Frequent minor map cracking w/ moisture, staining and eff, heavier adj to areas of previous repairs. MEDIAN PIER SHAFT: Approx 25% of E face w/ delamination near grade line and adj to S patch. W face w/ 6' H delam by full length w/ areas of patching in between. W PIER: E face w/ minor delam at S end adj to patch.

SUPERSTRUCTURE

1: TYP: Mod laminated rust at bottom of rockers. Light abrasion dust. E ABUT: All girders shifted N w/ sole pl to rocker edge distances varying from 1/4" to 1 1/4" max at S3, all brgs w/ distorted or missing (S3,S4,S5) keeper plates on S side. Hvy abrasion dust at brg S1, S2 and S6. Brg S1 w/ +/- 7/8" gap at back of sole plate/bottom flange due to a cracked weld and pack rust. Brg S4 w/ crkd sole pl weld on E face. Brg S6 fully tilted to the E, base of rocker shifted +/- 2" toward west on masonry plate inconsistent w/ all other girders. S1 and S4 tilted west more severely then interior brgs. W ABUT: All girders shifted

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 44.9	S. Portland Interchange Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 0370		INSPECTION DATE: 02/23/2016

N w/ sole pl to rocker edge distances up to 5/8". Several brgs w/ distorted (S1, S2) or missing (N1, N2, N5) keeper plates on S side. Base of all rockers shifted E of masonry plate CL by average of 1/2" and up to 1 1/2" at S1. Brg S1 w/ 1/4" gap at back of sole plate due to a cracked weld. All brgs tilted E, but S1 tilted to W. Several anchor bolts exhibit insufficient thread. S3 severe abrasion dust.

2: TYP: Minor corrosion of gutter plates. Scattered areas w/ light to mod corrosion along bot flange. Up to 1/8" pitting (painted over) observed at bottom 2" of gird web at exterior at abutments. SPAN E1: Top flg of N and S bracket adj E abut w/ 100% section loss on E side of flg. SPAN W1: Top flg of N bracket adj W abut w/ 100% section loss on W side of flg.

3: NB LANES: All girders w/ minor impact scrapes. N1 - N4 and S1 -S2 girders w/ mod bends on S side of bot flg. Gird S1 w/ approx 1/2" sweep to N. Gird N4 w/ minor rotation. SB LANES: N1 - N4 girders w/ minor impact scrapes.

4: Peeling paint on bot flange throughout spans E2 & W2.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 44.91	Payne Rd over Exit 45 ramps		INSPECTOR(S): KEB BRG
	STR NO.: 6450			INSPECTION DATE: 05/10/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices 8
2. Condition Above	13	2. - Backwall	7	2. Steel Work 8
3. Condition Below	7	3. - Seat	7	3. Collision Damage 11
4. Curbs	8	4. - Erosion	11	4. Paint 7
5. Median	8	5. - Settlement	11	5. Misc. 11
6. Sidewalk	7	6. Piers - Caps	8	
7. Parapet	7	7. - Columns	7	
8. Railing	7	8. - Scour	11	
9. Drains	8	9. - Settlement	11	
10. Lighting Standard	8	10. Misc	11	
11. Utilities	6	11. Debris on Seats	8	
12. Deck Joints	7	12. Fencing	8	
13. Approaches	4	13. Slope Pavement	11	
14. Fencing	8	14. Drainage Gutters	7	
				FHWA Ratings
				58. Overall Deck Rating 7
				59. Overall Superstructure Rating 8
				60. Overall Substructure Rating 7
				61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

3: Trans crks w/ light/mod eff in bay W6 over full length and bays W5 & E1 over the piers, other bays scattered. Overhangs w/ transverse hlcs w/ light eff, concentrated over piers. DECK PANEL JTS: Scattered jts w/ mod eff & stalactites. BOTH FASCIA: Numerous vert hlcs w/moisture.

6: Numerous trans hlcs.

7: TYP: Numerous vert hlcs w/moisture on both faces, heavier at W parapet. E PARAPET: 8"L x 1"H x 2"D spall on roadway side above EB lanes.

8: W RAILING: 2 rail posts span S1 w/mod bends & crkd welds/conn plates at base due to collision damage.

11: N ABUT: Fiberglass conduits in bay E3, conduit expansion jts appear to be fully extended. E curb conduit has 1/2" gap at expansion joint exposing wires.

12: BOTH JTS: Minor plow damage. Filled with sand. S ABUT: Seal is bulging upward in 2 locations in SB lanes. N ABUT: Seal is bulging in SB lane.

13: NW GUARDRAIL: Severe collision damage for entire length, numerous posts bent and numerous rubber spacer blocks damaged or missing. Guardrail loose throughout. N APPR: E guardrail w/ hvy collision damage to 1 rail section, 1 post warped, 1 post rotated, 2 rubber blocks damaged. Minor trans crk in pavement along joint.

SUBSTRUCTURE

1: ALL WWS: Scattered vert/map hlcs w/moisture.

2: BOTH ABUT: Scattered minor vertical cracks some with efflo/moisture.

3: BOTH ABUT: Scattered minor vertical cracks some with efflo/moisture. Minor trans crks across seat at same location.

14: Tree & veg growth at E side of N pier drainage trough.

SUPERSTRUCTURE

1: N ABUT: 3/4" tilt towards backwall. S ABUT: 7/8" tilt toward backwall.

4: Scattered locations of minor peeling paint at edges of beam bottom flanges.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 45.4		INSPECTOR(S): KEB HJW
	STR NO.: 0369	Running Hill Road Underpass	INSPECTION DATE: 05/13/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	5	1. Abutments - Wings	6	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	6	2. Steel Work	7
3. Condition Below	6	3. - Seat	5	3. Collision Damage	11
4. Curbs	7	4. - Erosion	8	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers - Caps	6		
7. Parapet	11	7. - Columns	6		
8. Railing	6	8. - Scour	11		
9. Drains	5	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	7	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	11		
13. Approaches	5	13. Slope Pavement	6		
14. Fencing	7	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	5
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: TRAVEL LANES: Minor/mod long and map cracking throughout. Mod deter near jts. Hvy delam w/ areas of missing pvmt around scuppers. Area of mod deterioration w/ up to 20'L x 2'W x 1"D potholes in EB lanes near W abutment. BOTH SHLD: Pvmt delam between 6" to 18" W from curbline full bridge length, widest along S curb.

3: ALL BAYS: Occasional trans crks w/ eff, heaviest in bay S1 near pier. BOTH OVERHANGS: Numerous trans crks w/ eff. DRAINS: Transv cracks w/eff at SE downspouts.

4: BOTH CURBS: Minor plow scrapes. Fascias w/ numerous vert/long crks w/ eff, moist & st. N CURB: Top surface w/minor long/map crks with a few minor spalls. Larger spall near NW corner.

6: Minor to moderate map crks w/ moist throughout. Heavier cracking along curb.

8: TYP: 3 bar aluminum. Minor plow scrapes throughout. N RAIL: Missing splice bar at the first splice rail from the west abutment. Disengaged top rail splice bar at first splice from E abut. S. RAIL: Missig splice plate bottom rail west. Sheared anchor bolt first NW post.

9: TYP: Mod debris on scupper pans & 50% clogged grates, downspouts open. Downspouts w/mod rust. SE DOWNSPOUT: 100% loss x 4"L at base.

11: BAY S1: Threaded rods & nuts for supports w/minor rust.

12: BOTH JTS: Filled w/sand. Minor plow damage to joint steel. W JT: 2013 jt repair. Seal appears to have slipped. Pothole 1" deep in APJ.

13: BOTH APPR: Minor to mod rutting. Mod long/trans crks throughout. Up to 1" gap at long pvmt seams. Endposts mod map crkd w/ moisture & eff throughout. W APPR: 9"L x 12"W x 1.5"D pothole in WB right lane. Minor collision damage of NW guardrail. E APPR: Pavement heavily cracked and deteriorated at abut w/ two 3"L x 4.5"W x 2"D potholes.

SUBSTRUCTURE

1: TYP: 1/32"W map crks w/ moist and eff. SW AND NW WW: Approx 3/4" max lateral movement relative to top of abut cheekwall at construction jt at NW, similar but less movement at SW.

2: W ABUT: Mod map cracking w/ staining & w/ hvy eff at ends.

3: E ABUT: Scattered minor full height vert/horiz crks. 1/32"W map cracking w/ moisture at both ends. Up to 1/8"W vert crk at beam N2. W ABUT: Minor cracking at top of breastwall. Full height delam w/ extensive 1/16"W map cracking, eff, staining and 3"D spalling w/exp reinf btwn beams N1 & N3. Full ht 1/16"W vert crk w/ staining and 1.5'L x fh delam below bay S2.

6: PIER CAP: Minor map cracking w/ moisture at ends. Isolated fh 1/16"W vert crks w/ minor adj delam on E & W faces.

7: PIER SHAFT: Vert/map hlcs w/moist throughout.

13: BOTH ABUT: Weep drains partially full w/debris. Hvy sand & debris accum at bottom. E ABUT: Pulled away from breastwall 1 3/4" (max) at S end. 3" max settlement at S end. W ABUT: 4" max settlement at S end.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 45.4	Running Hill Road Underpass	INSPECTOR(S): KEB HJW
	STR NO.: 0369		INSPECTION DATE: 05/13/2016

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust of masonry plates.

2: TYP: Mod surface rust at locations of paint deterioration at beam ends & diaphragms at abutments & beam bot flgs edges throughout.

4: Minor paint loss scattered throughout - typical at beam bottom flanges & brgs. Remaining paint is chalky.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 46.3 STR NO.: 6399	Jetport / Congress St. Interchange Underpass	INSPECTOR(S): KEB BRG INSPECTION DATE: 02/23/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	11
3. Condition Below	6	3. - Seat	6
4. Curbs	11	4. - Erosion	6
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	7	7. - Columns	7
8. Railing	8	8. - Scour	11
9. Drains	8	9. - Settlement	11
10. Lighting Standard	11	10. Misc	6
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	8	12. Fencing	11
13. Approaches	8	13. Slope Pavement	6
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings 58. Overall Deck Rating 6 59. Overall Superstructure Rating 7 60. Overall Substructure Rating 6 61. Overall Channel Rating 11 62. Overall Culvert Rating 11	

DECK

3: ALL BAYS: Numerous transverse hlcs w/ eff. BOTH FASCIAS: Stalactites on overhang from parapet horiz jt.

7: BOTH PARAPETS: (slip formed) Crk & conc repairs. Occasional scattered map & vert crks w/ eff or moisture. Sealant deteriorated at rail base plate. Occasional collision & plow damage throughout. S

PARAPET: Mod map cracking on top w/ moist. BOTH FASCIAS: Heavy eff & encrustation along horiz jt at bot throughout.

13: E APPR: S endpost spalled (impact damage).

SUBSTRUCTURE

1: NE, NW & SW WWS: Minor map cracking w/ moist throughout.

3: TYP: Light moisture and eff below all girders. Vert hlcs btw bot of bot flg and top of slope at all girders, some with moist. E ABUT: 12"W delam adj to girder webs extending up to full web height.

4: E ABUT: Mod erosion adj to riprap below scupper.

6: E & W PIERS: Frequent vert hlcs btw columns and diag hlcs at columns. Scattered transverse cracks between columns.

7: MEDIAN COLUMNS: Vertical hlcs w/ moist at lower 4'. E PIER, S COL: Map hlcs w/moist.

10: TYP: Weepdrains clogged w/ encrustation.

13: W ABUT: Minor heaving/uneven, settled 2" at top along face of abutment.

SUPERSTRUCTURE

1: There are bearings at the piers. Unable to inspect due to elevation.

5: BOTH ABUT: Eff around top flange at scuppers. E ABUT: S1 concrete girder w/ diagonal hlcs in lower & upper web and numerous longitudinal hlcs in S bot flange. W ABUT: Girders S1 & N1 in similar less severe condition as girder S1 at E abut. GIRDER N1 AND N2: Bottom flange with minor spall at west side of pier cap at west pier and east pier. W BUT Interior girders with hlcs at top flangs.

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HNTB Corporation**

SECTION 3	MILE: 46.4	Congress Street / Rte. 22 Underpass			INSPECTOR(S): KEB HJW	
	STR NO.: 0343				INSPECTION DATE: 05/13/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	8	1. Bearing Devices	8
2. Condition Above	13	2.	- Backwall	8	2. Steel Work	11
3. Condition Below	7	3.	- Seat	8	3. Collision Damage	11
4. Curbs	8	4.	- Erosion	11	4. Paint	11
5. Median	11	5.	- Settlement	11	5. Misc.	7
6. Sidewalk	7	6. Piers	- Caps	8		
7. Parapet	7	7.	- Columns	8		
8. Railing	8	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	7	12. Fencing		8		
13. Approaches	7	13. Slope Pavement		7		
14. Fencing	8	14. Drainage Gutters		8		
FHWA Ratings						
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	8
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH LANES ALONG SWL: Minor long crks throughout.

3: ALL BAYS: Extensive trans hlcs throughout. BOTH OVERHANGS: Occasional transverse hlc w/ eff.

6: TYP: Numerous trans hlcs.

7: TYP: Scattered vert hlcs w/ moisture. Minor plow scrapes.

12: BOTH JTS: Full of sand, minor plow damage.

13: E APPR: Mod long/trans crks in pvmt along jt w/ minor settlement and rutting. Cracks sealed. Appr sidewalk appears to have settled 2 1/2", pavement shim added to address settlement. W APPR: Minor settlement w/ minor pvmt cracking.

SUBSTRUCTURE

2: W ABUT: Fh 1/32"W vert crk in bay S3.

13: BOTH ABUT: Mod sand & debris accum at base.

SUPERSTRUCTURE

5: BOTH ABUT: Occasional diag hlc in conc girder web starting at top flange and varying in length up to 3.25' long. GIRD N1 AT W ABUT: 16"L x 1 1/2"H x 1"W cor delam of N bot flg edge.

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 46.7	Stroudwater River (Northbound)		INSPECTOR(S): KEB HJW
		STR NO.: 0344			INSPECTION DATE: 05/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	6	3. - Seat	6	3. Collision Damage	11
4. Curbs	7	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	5		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	13		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	8	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
				FHWA Ratings	
				58. Overall Deck Rating	6
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	5
				61. Overall Channel Rating	7
				62. Overall Culvert Rating	11

Some comments from 2015 inspection w/ snooper. Refer to most recent Underwater Inspection Report for additional information.

DECK

3: INT BAYS: Scattered minor trans crks w/ eff. BOTH OVERHANGS: Scattered trans/vert crks w/ eff and stalactites.

12: BOTH JTs: Filled w/ sand. It header w/ isolated trans hlcs & elastomeric concrete repairs.

13: BOTH APPR: Endposts w/ minor mc w/ moist. S APPR: E guardrail end w/ minor collision damage. N APPR: E guardrail w/ 1 post rotated & disconnected.

SUBSTRUCTURE

2: BOTH ABUT: Top at rdwy w/ isolated trans hlcs & elastomeric concrete repairs. S ABUT: Minor spalls & crks w/ staining. N ABUT: Scattered minor crks.

3: BOTH ABUT: Breastwall and seat w/ scattered minor crks. S ABUT: E3, W2 & W1 pedestals w/ minor spall, minor undermining of brg W2 masonry pl. 1/2" masonry plate embed W1. N ABUT: E2 & W1 pedestals spalled causing minor undermining brg masonry pl. Spall and loose concrete near patch btwn W2 & W3.

4: S ABUT: Mod erosion. CENTER & N PIER: Hvy erosion of N embankment from past gutter deter/sinkhole at abut.

6: ALL CAPS: Scattered minor map/vert crks on all faces. S CAP: 4'L x 2'H delam of S face at W end. 3 areas of up to 2'L x 14"H delam of N face at W end, 1 area w/ 1.5"D spalling. N face w/ 5'L x 2.5'H x 1.5"D spall w/ exp reinf at beam E2. Top w/ 6'L x fw delam w/ 1.5"D spalling w/ exp reinf at beam E2. CENTER CAP: Fw x up to 2'-3"H delam of original conc on W face. N face w/ 2'L x 6"H x 6"W top corner delam at beam E2. Top w/ 8"L x 18"W delam in bay E3. N CAP: 2'L x 8"H delam of S face.

12: SE wire fence down.

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust & rust accum at rocker bases. S ABUT: Brgs E1 & W3-W5 expanded approx 1" (at 20 degrees) relative to others. Brg W1 rocks under hvy LL. Brg W3 E keeper pl w/ corrosion hole. N ABUT: Brgs W1 & W2 contracted approx 1" (at 20 degrees) relative to others. Brgs E2 & W1 w/ 30% section loss of anchor bolts. Brg W3 missing E keeper pl. Brg E2 W keeper block & anchor bolt broken off. S PIER: Brgs w/ mod rust accum at rocker base & scattered bent anchor bolts, particularly brgs E2 & W1. Brg E2 more contracted than rest (at 20 degrees). Brg W1 S Abut rotated in plane due to sxn loss and concrete undermining.

2: BAYS W2 & W3: Numerous crk'd horiz/vert tack welds for diaph conn angles throughout, no propagation into beam webs. SPAN S1: Crk'd tack weld at bot of beam W2 E brg stiffener at S abut. Second diaph from S abut in bay W3 w/ 2 sheared rivets at conn to beam E3 & creeking under hvy LL. W face of beam W1 near splice w/ 1/8"D pitting x lower 5" of web & 1/8"D pitting x fw bot flg. SPAN N1: Second diaph from N pier in bay W3 w/ 2 sheared rivets at conn to beam W3.

4: Failed paint system along fascia beam bot flgs & fascia brgs. Scattered areas of failed paint system along int beam bot flgs.

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 46.71	Stroudwater River (Southbound)		INSPECTOR(S): KEB HJW
		STR NO.: 1484			INSPECTION DATE: 05/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	6	3. - Seat	6	3. Collision Damage	11
4. Curbs	7	4. - Erosion	5	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	13		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	8	11. Debris on Seats	6		
12. Deck Joints	8	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
				FHWA Ratings	
				58. Overall Deck Rating	6
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	7
				62. Overall Culvert Rating	11

Refer to most recent Underwater Inspection Report for additional information.

DECK

3: ALL BAYS: Scattered minor trans crks. SPAN N1: 7'L x fw area of extensive minor mc in bay E3 at S 1/4 point. BOTH OVERHANGS: Scattered trans/vert crks w/ eff and moist (heavier on E side). Weepdrains protrude out approx 1"to 3", partially obstructed. Areas of minor mc w/ moist & st at weepdrains.

8: BOTH RAILINGS: Minor plow scrapes throughout. E RAILING: 1 rail post in span N3 w/ missing bot rail horiz bolt. N10 rail post w/ 1 loose top rail horiz bolt. Scattered post collision damage.

13: BOTH APPR: Endposts w/ minor mc w/ moist throughout. S APPR: W endpost w/ minor spall due to collision damage. N APPR: E guardrail w/ mod collision damage btwn 10 posts

SUBSTRUCTURE

1: ALL WWs: Minor vert & map crks w/ moist.

2: BOTH ABUT: Scattered minor vert & horiz crks. Isolated minor delam, rust staining & eff.

3: S ABUT: Numerous minor vert crks extending across seat. 3'L x fw seat delam in bay W2. N ABUT: Scattered minor horiz crks, some w/ rust staining. W2 pedestal w/ mod cracking and spalled.

4: S ABUT: Minor erosion. CENTER PIER: Mod to hvy erosion N embankment.

6: N CAP: 6"H delam of S face in bays W1, W2 & E1. 1/16"W mc on E face.

12: SW wire fence down

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust accum at rocker bases. Minor/mod abrasion dust. S ABUT: Brg W1 w/ mod/hvy rust. Brgs E2-E4 expanded more than others. Brg E1 rocker shifted 7/16" E off of masonry pl & anchor bolts bent & in contact w/ pin. N ABUT: Brgs E2 & E3 w/ E keeper pl missing & rocker shifted 3/4" and 1 1/8" beyond sole pl respectively. Brg W2 appears frozen (contracted at 70 deg), rocker shifted 9/16" W off of masonry pl & anchor bolts bent w/ 40% loss. Brg E1 rocker shifted 5/8" W off of masonry pl & anchor bolts bent & in contact w/ pin.

2: ALL SPANS: Scattered crk'd horiz/vert tack welds for diaph conn angles throughout. Beam E1 w/ 1/4" impacted rust at E face of bot flg splice. SPAN S1: Mod corrosion at beam ends. Isolated diaphs creeking under hvy LL. 2nd diaph from S abut in bay E3 w/ all (4) rivet heads sheared for E conn & 1 rivet head sheared for W conn. SPAN N1: 2nd diaph from N abut in bay E2 w/ 2 missing bolts. E side of 2nd diaph from pier N1 in bay E2 w/ 1 missing bolt.

4: Areas of failed paint along fascia beam bot flgs & fascia brgs.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 47.1	Westbrook Street Underpass			INSPECTOR(S): KEB HJW	
	STR NO.: 0345				INSPECTION DATE: 05/13/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	7	1. Bearing Devices	8
2. Condition Above	13	2.	- Backwall	8	2. Steel Work	8
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	8	4.	- Erosion	7	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	8		
8. Railing	8	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	8	12. Fencing		8		
13. Approaches	6	13. Slope Pavement		7		
14. Fencing	8	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	8
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH LANES: Minor map/long crks throughout. Minor trans crks along deck joint. Delam, scattered, ~6" from curbs.

3: BOTH OVERHANGS: Scattered trans hlcs at soffit paraffin jts. BAY N1: Approximately one transverse crack w/ light eff each panel, heavier above pier.

6: Numerous failed jt sealant. Isolated trans hlcs.

7: BOTH FACES: Numerous vert hlcs w/moist. Vert joint sealant crk'd/deter. N FASCIA: Horiz jt at deck w/mod st at vertical jts.

9: Mod debris accumulation on pans, downspouts open.

13: BOTH APPRS: 1" gap along deck jt. Isolated minor crks. N swlk w/pavement shim at abut (past settlement). E APPR: Full width pvmt settlement at assumed start of conc approach slab approx 2" max height and tapers over WB lane. 8"L x FW x 3/4"D settlement along edge of backwall.

SUBSTRUCTURE

1: NW WW: Scattered vert hlcs with moisture.

3: BOTH BREASTWALLS: Scattered vert hlcs with moisture.

4: Scattered minor areas of failed paint along gird bot flgs.

6: Vert and diag hlcs w/moist above each column on each face of cap.

13: BOTH ABUT: 1 1/2"W gap at abut. Mod sand accumulation & vegetation at base. E ABUT: Several areas of minor veg growth btwn jts

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 47.3	Rand Road / Westbrook Interchange Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 6446		INSPECTION DATE: 04/08/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	11	2. Steel Work	11
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	11
5. Median	7	5. - Settlement	6	5. Misc.	7
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	8		
8. Railing	5	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	4	12. Fencing	11		
13. Approaches	5	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Pavement delaminated up to 12"W in shlds and up to 6"W along median throughout.

3: TYP: Trans hlcs on underside w/ light efflo including vert face at N and S overhangs and interior bays more concentrated over piers. Weeps partially obstructed.

5: BOTH SIDES: Several vertical hlcs w/ moisture. Plow scrapes in granite.

7: BOTH SIDES: Several minor full perimeter crks w/ moist and eff. S RDWY SIDE: 5"L x 12"H x 1 1/2"D spall near E abut. Map hlc w/moist and scaling at top N rdwy side as well in span W1. Scattered hlcs at top.

8: S RAILING: 2 rail posts raised off parapet 5/8". Near pier 2 one post w/1 missing anchor bolt nut. N RAILING: 7 rail posts in span W1 w/collision damage, 1 w/8"H crk in web & crk'd weld at base. Post in E1 5/8" space between base plate and parapet. One post in E1 w/ collision damage

12: BOTH JOINTS: APJs have up to 4" wide separations along the full bridge width at interface between joint binder and the deck. Separation is filled w/ sand. Failed joint filler at curb plates. Mod rutting and hvy wear. E JT: WB shlds w/failed repair & 4"W x 3/4"D depression. 2'L x fw failed section in WB. W JT: 5' L x FW failed section w/1" depression in WB.

13: BOTH APPR: Mod settlement w/ sealed crks in pvmt. Approach slab and curbs have settled/rotated causing opening between deck and approach curb plates to increase. Max. measured openings at the top of concrete curb are as follows: E abut-N endpost 6 1/2", Median 6 5/8", S endpost 7 1/8". W abut-gap at all endposts approx 3 1/2". Endposts w/ minor spall due to collision damage. E APPR: Minor collision damage at S grill. Median birm w/12"L missing section causing 12" dia x 8"D pothole. W APPR: Minor guardrail collision damage at median in WB lane.

SUBSTRUCTURE

1: SW & SE WWs: Diagonal hlc.

3: BOTH ABUT: Diag hlcs w/ eff extending from the corners of the bot flgs. 12"W delam above bot flange of most girders. Areas of eff at horiz const jt 6" under girders. W ABUT: 2.5'L x 12"H x 1"D spall below girder S1. E ABUT: 3'H x 12"L delam adj to all girders. 8"L x 16"H x 3"D spall w/rs and adj 10"L x 26"H delam under girder S1.

4: BOTH ABUT: Minor erosion of riprap at downspout. Silt/sand accum at bottom of slope.

5: BOTH ABUT: Embankment w/ approx 18" of apparent settlement at abut.

6: E CAP: Diag hlc w/ moist from S column toward gird S1, E and W faces. WEST CAP: Diag hlc from centerline of N and S column toward girds N2 and S2 E face.

SUPERSTRUCTURE

5: CONCRETE GIRDERS: E ABUT: Girder N1 w/ diag hlc starting at top of web w/ light eff at end of gird, approx 25" long, both sides of girder. Similar condition at S1 and S2 but crks are more faint. W ABUT: Girder N1 with diagonal hlc in web and in top flg. W PIER: 12" W x FH delam of diaphs adj to girders N1 and S1 on E face. E PIER: 2'H diag hlc in diaph above E pier at girds N1 & S1.

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HNTB Corporation**

SECTION 3		MILE: 47.7	Rand Road Connector Underpass		INSPECTOR(S): KEB BRG
		STR NO.: 6447			INSPECTION DATE: 04/08/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	11	2. Steel Work	11
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	11
5. Median	11	5. - Settlement	6	5. Misc.	7
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	5	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: TYP: Weeps partially obstructed. BOTH OVERHANGS: Numerous vert/horiz hlcs w/moist, some w/eff.

7: BOTH FASCIAS: Numerous minor horiz and vert crks w/ moisture & eff. BOTH RDWY SIDES: Several vert crk w/ moisture & eff. S PARAPET: 1/2"D spall due to collision damage in span W1 on rdwy side. Scattered map cracking on top surface.

8: S RAIL: Collision damage to post E6, rivet heads sheared off. E10 sim. BOTH RAIL: Scattered minor collision scrapes to posts. N RAIL: 3 posts with collision damage and sheared rivets in span E1.

9: Mod debris on scupper pans, downspouts open.

13: BOTH APPR: End Posts with minor spalls due to collision damage. Pvmt w/mod trans crks at abut & moderate rutting/settlement. Failed sealant for curbs at abut. E APPR: (2) 8"L x 18"W x 2.5"D potholes in pvmt. N endpost w/ minor spall due to collision damage.

SUBSTRUCTURE

1: ALL WWS: Moist from vert and horiz const jt. Isolated vert/horiz hlcs with moist/eff.

3: BOTH ABUT: Minor vert crks with moisture and mod eff starting at edges of girder bottom flanges. W ABUT: Mod eff along horiz const jt at N end. Isolated vertical hlcs, some with eff.

4: E ABUT: Area of minor erosion below N scupper and along stone downspout.

5: BOTH ABUT: Embankment w/ approx 14"W x 12"D of apparent settlement at abut.

6: BOTH FACES: Diagonal/vertical hlcs at N & S col.

7: ALL COLS: Vert hlcs w/moist.

SUPERSTRUCTURE

5: CONCRETE GIRDERS: Diagonal hlcs in webs at abutments and pier, some w/ light eff. Crks start near top of web and extend approx 18" downward at approximately 45 degrees away from abutment. Cracks were present at time of girder erection (2000).

**Maine Turnpike Annual Inspection
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Inspection Field Report
HNTB Corporation**

SECTION 3	MILE: 47.8	Fore River		INSPECTOR(S): KEB BRG
	STR NO.: 0353			INSPECTION DATE: 04/08/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	11	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	13	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	5	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	7	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 4
				62. Overall Culvert Rating 7

Three 66" dia conc pipe culvert. 2013-2015: 75% full of water and inaccessible.
Refer to most recent Underwater Inspection Report for additional information.

SUBSTRUCTURE

10: Trees growing above culvert on W side.

61: BOTH: Heavy debris/veg blocking 2/3 of the channel. Trees growing in channel. More severe W end

62: Minor scaling at top & waterline.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 47.9	Maine Central RR Overpass (Northbound)	INSPECTOR(S): KEB BRG
	STR NO.: 0346		INSPECTION DATE: 04/08/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	6	3. - Seat	5	3. Collision Damage	11
4. Curbs	7	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	7	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	5		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: ALL BAYS: Scattered trans crks w/ moisture, some w/ eff. Map crkg w/ moisture at pier N1. BOTH OVERHANGS: Numerous trans hlcs w/ moisture, some w/ eff. BOTH FASCIAS: Numerous vert hlcs w/moist. SPAN S1, BAY E2: Numerous long hlcs with light eff.
 4: BOTH FASCIAS: Numerous vert hlcs w/moist.
 8: Two bar aluminum rail. Minor collision scapes throughout.
 13: Endposts w/ minor crks w/ moist. NW endpost w/ mod spall on W face.

SUBSTRUCTURE

1: ALL WWs: Map hlc w/moist throughout. NW WW: Heavy spall w/delam and scattered hlcs.
 2: BOTH ABUT: Hlcs, delam, spalls and heavy rust staining along top adjacent to jt steel. Isolated vert hlcs w/moist.
 3: BOTH ABUT: Scattered minor crks. Minor seat spalls. S ABUT: Full width seat spall x 2.5" D and breastwall w/ 18"H delam w/ minor spalls bay E2. Full width seat spall x 1"D bay E3 and E4. N ABUT: 2' L x 8" W seat delam w/2" D spall at gird E1. 1'L x FH x 2"D spall at gird W1.
 4: N ABUT: Mod/hvy erosion along abut. S ABUT: Minor erosion under girders W2-W3. Heavy erosion at E end undermining drainage trough. S PIER: Mod erosion at both ends.
 12: Fence collapsed along RR Corridor near piers.
 14: S ABUT: Joint seals failed and panels misaligned at E end.

SUPERSTRUCTURE

1: N ABUT: W1 east anchor bolt bent w/loose nuts. S ABUT: Brg E1, west anchor bolt loose. Brg E2 & E3 west anchor bolts installed at an angle w/ beveled washers.
 2: Mod surface rust at fascia girders at areas of paint deter., light to mod rust typ below joints. Deflections seems above average for E2, E3 and E6 for center span. S ABUT: E1 w/ 1/16" web loss x full height E face. E2 with apparent crack through top two tack welds on east fascia.
 4: Fascia girders w/ mod paint failure lower web and bot flange throughout. Scattered areas of minor paint failure - typ.

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 47.91	Maine Central RR Overpass (Southbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1485			INSPECTION DATE: 04/08/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7	FHWA Ratings	
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	9	11. Debris on Seats	7	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing	5	59. Overall Superstructure Rating	6
13. Approaches	6	13. Slope Pavement	11	60. Overall Substructure Rating	6
14. Fencing	11	14. Drainage Gutters	7	61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: W SHLD: S span w/ 10'L x 5'W area w/ multiple 8" dia delam/crk'd areas.

3: BOTH FASCIAS: Numerous vert crks w/ eff or moist. BOTH OVERHANGS: Numerous trans crks w/ eff in RR span, scattered elsewhere. S SPAN: Rust staining along abut deck joint. Rust staining and stalactites on haunch of E1 at abut. Wood cast in deck at E scupper. Bay W3 w/ isolated trans crks w/ eff. RR SPAN ALL BAYS: Scattered trans crks w/ eff.

4: BOTH CURBS: Occasional minor transverse cracks on top of curb. Vert hlcs w/ eff on fascia. WEST CURB: N end spalled at abutment.

8: BOTH RAILINGS: Minor plow scrapes throughout. Minor rust on anchor bolts.

9: Scuppers w/ 30% clogged grates & mod debris accumulation on pans, downspouts open.

12: TYP: Armor has minor plow damage.S JT: Armor w/ slight rotation & N angle 1/4" higher than S. N JT: N angle 1/2" higher than S.

13: BOTH ABUT: Isolated minor trans crks. Endposts w/ map hlcs w/ moist. Severe erosion and undermining 100 ft from bridge SB W shldr. E ABUT: Transverse crack along pvmt patch full width.

SUBSTRUCTURE

1: All WW: Minor vertical and map cracks w/moisture throughout, some with minor eff. SE WW: 4'L x 6"H delam w/ minor spalling.

2: BOTH ABUT: Scattered minor vert crks. N ABUT: crack and delam at E end. S ABUT: W end map cracking. 1/16" vert crack at bay W1, W3, W5. E end minor spalling and map cracking.

3: BOTH ABUT: Scattered minor vert crks some extending across seat. N ABUT: Pedestals w/ up to 1/16"W crks extending to anchor bolts. Bay W1 w/ 2.5'L x fw seat delam & 3'L x 2'H breastwall delam w/ 1.5"D spalling & rust staining. Hvy rust staining at E end. W2 spalling at top of seat behind pedestal W2. S ABUT: 3'H x 1'W x 1"D spall at bay W1.

6: ALL CAPS: Map hlc w/ moist at cantilevers.

12: Fence collapsed along RR corridor near piers.

SUPERSTRUCTURE

1: N ABUT: Minor abrasion dust. Brgs W3 and E1 more contracted (1.25") than others. Brg E1 w/ mod rust, 30% anchor bolt nut loss & W half raised 5/16" due to washer & rust accum. S ABUT: Brg W1 w/ in top of bot flange throughout. Corrosion and locations of section loss have been painted over.

2: RR SPAN: E1 & W2 (original fascia girders) w/ sag relative to others. Mod deflection/vibration. TYP: Scattered areas of light surface rust. E1 & E5: 3/16" web section loss 3" high at stiffeners. 1/8" pitting in top of bot flange throughout. Corrosion and locations of section loss have been painted over.

4: Scattered flaking paint, most severe on fascia girder bot flanges.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 48.3	Brighton Avenue Underpass			INSPECTOR(S): KEB BRG
	STR NO.: 0347				INSPECTION DATE: 04/11/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	7
5. Median	7	5. - Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	6	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	7		
14. Fencing	8	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: TYP: Mod rutting up to 3/4" D.
3: ALL BAYS: Scattered deck panel jts w/ eff or sagging jt seal, esp bay N4. BAYS N1, N3 S1 AND OHs: Numerous trans crks w/ eff near pier.
6: S SIDEWALK: Scattered jt sealant failures. BOTH: Transv crks more concentrated at pier.
7: BOTH PARA: Vert hlcs w/ moist throughout.
9: Grates 50% clogged and mod debris accumulation on pans, downspouts open.
11: Utilities in bays N1 and N2. BAY N1: Mod rust of support threaded rod and nuts.
12: BOTH JTS: Filled w/sand. E JT: Moderate plow damage to jt armor in EB. W JT: Seal appears partially dislodged.
13: BOTH APPR: Minor trans/long pvmt cracks. E APPR: WB lane has 12"L x 18"W pothole adj to patch. NE AND SW APPR: Sidewalk appr 1/2" lower than bridge sidewalk

SUBSTRUCTURE

- 3: BOTH ABUT: Scattered vertical or diagonal hairline - up to 1/32"W crks.
4: W ABUT: 2' L area undermining slope protection directly under gird N2.
6: OVER COL: Vert and diag crks, some with light eff, on both faces up to 1/32" W. UNDERSIDE: Trans crk w/moisture twn col S1 and S2.
7: ALL COLUMNS: Map hlcs w/moisture at lower 12".
11: BOTH ABUT: Evidence of pigeon debris.
13: BOTH ABUT: Minor vegetation from jts and mod sand accumulation at base. W ABUT: Pulled away 1" over N half.

SUPERSTRUCTURE

- 2: Minor surface rust to beam bot flanges and splices at locations of paint system failure.
4: Areas of paint system failure at beam bot flanges and splices, particularly over rdwy.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 48.5	Riverside St. / Larrabee Rd. Interchange Underpass	INSPECTOR(S): KEB BRG
	STR NO.: 0348		INSPECTION DATE: 04/11/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	8
2. Condition Above	13	2. - Backwall	11
3. Condition Below	8	3. - Seat	8
4. Curbs	11	4. - Erosion	6
5. Median	7	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	8
7. Parapet	7	7. - Columns	8
8. Railing	8	8. - Scour	11
9. Drains	8	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	8	12. Fencing	11
13. Approaches	7	13. Slope Pavement	8
14. Fencing	11	14. Drainage Gutters	11
			FHWA Ratings
			58. Overall Deck Rating 8
			59. Overall Superstructure Rating 8
			60. Overall Substructure Rating 8
			61. Overall Channel Rating 11
			62. Overall Culvert Rating 11

DECK

3: BOTH OVERHANGS: Numerous trans crks w/eff near pier, isolated elsewhere.

5: BOTH FACES: Numerous vert hlcs w/moist or light eff.

7: BOTH PARAPETS: Isolated vert hlcs w/moist or light eff on both faces. Vert jt sealant at both abut failed. Vert jt sealant at granite curb failed.

12: BOTH JOINTS: Sand accumulation. E JT: Jt armor w/ minor plow damage in WB.

13: BOTH APPR: Isolated minor long crks. Endposts w/isolated minor vert crks w/moist. SE & NW ENDPOSTS: Minor spalling due to plow damage. BOTH APPR: Median up to 1/2" settlement with failed construction joint seal.

SUBSTRUCTURE

1: SE WW: Seal partially dislodged.

3: BOTH ABUT: Diagonal hlcs extending from girder bot flgs scattered locations.

4: Slope protetion undermined a third of its length at northwest causing panel misalignment.

6: Isolated vert hlcs on both faces.

7: Isolated vert hlcs on both faces.

SUPERSTRUCTURE

4: Weathering steel. Girder ends at abut painted.

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 49	Warren Avenue Overpass (Northbound)		INSPECTOR(S): KEB BRG
		STR NO.: 0349			INSPECTION DATE: 05/09/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	6	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	6
4. Curbs	7	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	6	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	6		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	7	12. Fencing	6		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	7	14. Drainage Gutters	5		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: ALL BAYS SPAN S2: Scattered trans crks w/ eff. BOTH OVERHANGS: Scattered trans crks w/ eff, some w stalactites.

4: NE CORNER: Curb cracked at exp jt.

9: SCUPPER GRATES: Partially clogged pans, downspouts open.

13: BOTH APPR: Endposts map crk'd w/ moisture, W-rail guardrail transition.

SUBSTRUCTURE

1: All WW: Minor vert, horiz, and map crks w/ moisture. NW WW: Delam throughout w/ areas of major spalling. SW WW: Minor delam at N face.

2: BOTH ABUT: Scattered vert hlcs some w/ eff or rust staining. S ABUT: Upper 12" delam btw girds W2-W3.

3: TYP: Scattered vert hlcs w/ rust staining and minor delam. S ABUT: Mod spall of breastwall around W1 and of seat btwn W1 and W2. Minor spall on breastwall & 2'-10" L x fw delam btw E1 & E2.

4: S ABUT - S PIER: Mod on W side.

6: BOTH PIERS: Minor map crkg all faces.

7: Scattered map, vert and horiz hlcs primarily on S face of N pier.

10: N ABUT: Tree growth below girder E1.

11: S ABUT: Minor sand accumulation.

14: N ABUT: Abandoned. S ABUT: Gutter pulled away from abut by up to 2". Minor sand accum and spalls throughout.

SUPERSTRUCTURE

1: N ABUT: Light abrasion dust w/ light to mod corrosion of bearings. S ABUT: Mod abrasion dust w/ light to mod corrosion of bearing. Hvy laminated rust between bearing rockers and masonry plates.

2: W1 W FACE: Failed paint and 1/8" pitting to top of bot flange throughout and iso areas of up to 3/16" web loss x 3"H at stiffeners. E2 E FACE: Similar condition w/ intact paint.

3: TYP GIRDERS: Impact scrapes at several locations over EB and WB Lanes. GIRD W1: Minor collision damage over EB GIRD W2 and W4: Minor collision damage over WB with minor rotation of bottom flange and no visible sweep. GIRD E1: Bot flg with +/-4" sweep over WB with two holes drilled at the top and bottom of the web. GIRD E2: Minor bot flg rotation and soot staining at field splice.

4: Scattered light/mod flaking and loss throughout - west fascia more severe.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 49.01	Warren Avenue Overpass (Southbound)		INSPECTOR(S): KEB BRG
		STR NO.: 1486			INSPECTION DATE: 05/09/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	6
4. Curbs	7	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	11	7. - Columns	6		
8. Railing	7	8. - Scour	11		
9. Drains	6	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	6		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	6		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	7	14. Drainage Gutters	4		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: Minor patches in travel lane. W shoulder w/ minor cracking.
3: BOTH OVERHANGS: Trans hlcs w/eff. SPAN S2, All BAYS: Numerous trans crks w/eff.
4: BOTH CURBS: Top of curb w/ occasional trans hlcs. Vert mortar jts at granite curbs deter/failed. BOTH FASCIAS: Vert hlcs w/ moist and eff.
8: BOTH RAILINGS: Two bar aluminum. Minor plow scrapes throughout. Isolated minor plow gouges in bot rails at splices.
9: Grates 50% clogged & mod debris accumulation on pans, downspouts open.
13: BOTH APPR: Mod pvmt break-up along deck jt. Endposts w/ minor vertical cracks at base w/ moist & minor plow damage spalls.

SUBSTRUCTURE

- 1: ALL WW: Mod map cracking w/ moist & eff throughout. E WW: Minor delam near abut.
2: BOTH ABUT: Minor vertical crks throughout, some with eff or moist. NE corner w/ minor spalls.
3: N ABUT: Breastwall w/ up to 1/16"W horiz & vert crks throughout most extending across seat, some w/ rust staining. Minor breastwall spalls at ends. Pedestals w/up to 1/8"W crks extending to anchor bolts.
S ABUT: Minor vert crks throughout some w/ moist and st. Occasional pop-outs and minor delamination on top of seat. Breastwall at E end w/ 2.5'L x up to 1'H x 1.5 D spall.
4: S ABUT: 12"W x 3'D erosion extending to rdwy due to debris accumulation in trough. N ABUT: Area of minor erosion at E half.
6: BOTH CAPS: Minor horiz and map crks w/ moist and light eff, particularly ends. S CAP: Fw x 1'H delam of E face. 3'L x 1'H delam of N & S faces at E end.
7: N PIER: Minor mc w/ moist throughout. Minor collision scrapes & areas of minor delam throughout on roadway face.
10: Tree growing below and adjacent to N Span.
14: S ABUT: Gutter filled with sand, pulled away from abut wall and spalls at E end. Undermined due to erosion.

SUPERSTRUCTURE

- 1: BOTH ABUT: All brgs w/ light/mod abrasion dust. Minor rust of masonry pl. N ABUT: Brg E1 contracted 1.25" (75 deg) & raised up 1/4" due to washer & rust accumulation at base. S ABUT: Brg E2 E keeper plate missing & sole pl shifted 3/8" W. S PIER: Keeper plate at brgs W2 and E1 partially cracked w/ impacted rust.
2: TYP: Scattered areas of light to mod surface rust. Minor impacted rust at beam bot flange splice pls. BEAMS E1 & E5: 3/16" web section loss 3" H at stiffeners. 1/8" pitting in top of bot flange throughout.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 49.01		INSPECTOR(S): KEB BRG
	STR NO.: 1486	Warren Avenue Overpass (Southbound)	INSPECTION DATE: 05/09/2016

Corrosion and locations of section loss have been painted over. CENTER SPAN: One loose bolt at beam W2 on S bot flg splice.

3: ALL BEAMS: Collision scrapes on underside bot flgs. BEAMS W2 & W5: Minor bend bottom flange over Warren Ave EB roadway.

4: BOTH ABUT: Failed paint on masonry pls & exterior rockers. SPAN S2: Areas of paint system failure for beam bot flanges & W2 & E1 webs.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 50	Forest Avenue Overpass (Northbound)	INSPECTOR(S): KEB BRG
	STR NO.: 0350		INSPECTION DATE: 05/09/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	6	2. Steel Work	5
3. Condition Below	5	3. - Seat	5	3. Collision Damage	6
4. Curbs	11	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	8	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	6		

FHWA Ratings

58. Overall Deck Rating	5
59. Overall Superstructure Rating	5
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Numerous trans crks w/ eff along W fascia, occasional along E fascia. E2 & W1 BAYS: Map cracking w/st and/or eff & missing weep drains. Scattered up to 4.5'L x 4.5'W delam in N & S spans (none over roadway). ALL BAYS: Occasional trans crk w/moisture and/or eff w/some minor areas of rust staining.

7: BOTH PARAPETS: Extensive map hlc throughout on rdwy face, scattered on fascia. Occasional vert hlc w/ moisture throughout both faces.

8: BOTH RAILINGS: Minor plow scrapes throughout. E RAILING: Misaligned 1.5" W of endpost recess.

9: Grates 50% clogged & mod debris accumulation on pans, downspouts open.

13: ENDPOSTS: Map hlc w/ moist throughout.

SUBSTRUCTURE

1: ALL WW: Map hlcs throughout. NW WW: 2'L x 2'H x 5"W cor delam/spall on S face at abut. NE WW: Map hlcs w/ moist.

2: BOTH ABUT: Scattered map hlcs throughout w/ light scaling and rust stains. S ABUT: Top at rdwy w/ isolated minor trans crks. 5'L x 2.5'H delam/spall in bay W3. N ABUT: 2'L x fh delam at W end w/ minor spalling.

3: TYP: Minor cracking/spalling along top and ff, particularly original portions. Previously patched areas typically delaminated. Pedestals w/ up to 1/16"W crks extending to anchor bolts. N ABUT: Breastwall at beam W1 w/ 18"L x fh x 7"W delam/spall. Pedestal W1 w/ spall undermining W side of masonry pl fw x 1 5/8". Pedestal W5 spalling and starting to undermine masonry pl. S ABUT: Pedestals W1 and W5 w/ spalling at masonry pl starting to undermine bearings.

6: BOTH CAPS: Mod mc of W cantilevers. Minor mc elsewhere. N CAP: 1.5'L x 2.5'H delam of E cantilever S face. S CAP: 8"Lx6"Hx4"D corner spall w/exp reinf E cantilever S face.

7: BOTH SHAFTS: Map hlc throughout on all faces.

12: Pulled back at SE & SW ww.

14: BOTH ABUT: Repair plastic piping in place. Bit gutter undermined at NW WW.

SUPERSTRUCTURE

1: BOTH ABUT: Occasional brgs w/ mod abrasion dust. Mod-hvy rust of brgs W1 & E2, others w/ minor surface rust. N ABUT: Brgs E2 & W1 missing keeper pl. S ABUT: Brg E2 w/ up to 80% loss of anchor bolt nuts. Brg E3 floating w/mod abrasion dust. PIERS: W fascia brgs w/ minor rust.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 50	Forest Avenue Overpass (Northbound)	INSPECTOR(S): KEB BRG
	STR NO.: 0350		INSPECTION DATE: 05/09/2016

2: ORIGINAL BEAMS: W1-W5: Mod surface rust w/ minor losses along bottom flange, particularly W1. Beams W1 & W5 w/ up to 3/16" web loss x lower 2.5" at abuts.

3: Minor impact scrapes at girds W2, W3 & W4 over rdwy.

4: TYP: Failed paint along beams W1 & E2 flgs throughout. Paint peeling/flaking on bot flgs of other beams. Remaining paint faded & chalky.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 50.01	Forest Avenue Overpass (Southbound)	INSPECTOR(S): KEB BRG
	STR NO.: 1487		INSPECTION DATE: 05/09/2016

SUPERSTRUCTURE

1: N ABUT: Mod rust at W2. Hvy abrasion dust at brgs W3-W5. Heavy corrosion at bearing E1. Brg E2 cracked welds at shims below rocker w/up to 5/16" gap btw shim and masonry plate, and missing west keeper plate. Brg E1 heavy corrosion and cracked welds at shims below rocker w/up to 1" gap btw shim and masonry plate due to pack rust distortion. S ABUT: Hvy abrasion dust and mod to hvy corrosion and debris accum at brg E1. Brgs E1 - W2 hvy corossion of anchor blts and nuts w/ up to 100% loss to nut at brg W3 east side. Concrete/debris within rocker assemblies E1-W2 most likely inhibiting proper movement.

2: GIRD/DIAPH: Light corrosion. Moderate losses to bot flg and web of gird E1 full length. GIRD E1 AT N ABUT: Up to 5/16" section loss to lower 3" of E face of web.

3: Impact scrapes on all gird bot flg. WB LANES: Moderate impact damage to bottom flange of W3, and minor collision scrapes to bot flg of gir E1 - E3. EB LANE: Moderate impact damage (slight rotation & mod bends) to bottom flange of W2 - W4.

4: Paint peeling/flaking, especially at bot flanges. Paint failing at lower web of E1 full length. Remaining paint chalky.

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 50.75	Deering Brook		INSPECTOR(S): KEB BRG
		STR NO.: 0146			INSPECTION DATE: 05/09/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments	- Wings 6	1. Bearing Devices	11
2. Condition Above	11	2.	- Backwall 11	2. Steel Work	11
3. Condition Below	11	3.	- Seat 11	3. Collision Damage	11
4. Curbs	11	4.	- Erosion 7	4. Paint	11
5. Median	11	5.	- Settlement 11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps 11	FHWA Ratings 58. Overall Deck Rating 11 59. Overall Superstructure Rating 11 60. Overall Substructure Rating 11 61. Overall Channel Rating 5 62. Overall Culvert Rating 6	
7. Parapet	11	7.	- Columns 11		
8. Railing	11	8.	- Scour 7		
9. Drains	11	9.	- Settlement 11		
10. Lighting Standard	11	10. Misc	5		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	7		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

Two cell box culvert - 6' H x 8' W each. South of Exit 52 OHD sign.

SUBSTRUCTURE

1: All WW: Minor cracks w/ efflo. NW WW: Fh 1/4"W diagonal crack w/ 3'L x 1'W x 6"D spall w/ exp reinf and 8"W surrounding delam.

4: NW WW: Minor erosion.

10: Large trees on fill above culvert.

61: E End: Sand bags and fallen trees from above culvert partially blocking S channel. W End: Mod erosion of river bank beyond culvert.

62: N and S Walls: Scattered mod vert/diagonal cracks w/ st, efflo and active moisture, some w/ minor spalling. Heavier concentration at middle of culvert. CENTER WALL: Scattered minor/mod vert/diagonal cracks w/ st, efflo and active moisture, some w/ minor spalling. TOP SLAB: Isolated map hlc w/ moist. Minor trans crks at vert crks in walls. BOTH CELLS: Up to 2'H silt entire length most severe middle of north cell.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 51.2		INSPECTOR(S): KEB BRG
	STR NO.: 0351	Riverside Street Overpass (Northbound)	INSPECTION DATE: 05/09/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	7	3. - Seat	5	3. Collision Damage	5
4. Curbs	11	4. - Erosion	4	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	5		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	5
60. Overall Substructure Rating	5
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Edge & fascia w/ map hlcs w/ moist.

7: BOTH PARA: Extensive hlc w/ moisture throughout on rdwy side, less severe on fascia.

12: BOTH JTS: Sand accumulation. Jt header in travel lane w/ black elastomeric conc repair.

13: BOTH APPR: Endposts w/ minor vert and map cracking w/ moisture. N APPR: Endposts minor spalled at railing recess (plow damage).

SUBSTRUCTURE

1: ALL WWs: Minor crks throughout, some w/ eff or moist.

2: BOTH ABUT: Numerous vert/map hlcs throughout, some w/ st at ends.

3: BOTH ABUT: Pedestals w/ minor crks and spalls. N ABUT: Mod crks throughout on seat and breastwall, some w/ st. Areas of mod scaling. Minor spall of breastwall at W end. Minor full width seat spall at W1 pedestal. Mod spalling of ftg exposed from erosion. S ABUT: Numerous 1/16"W crks on seat and breastwall. Pedestal E2 w/ up to 1 1/2" undermining of masonry plate due to spall.

4: N ABUT: Severe (3'D x 10'W) erosion most of embankment undermining gutter downspout and 2.5' high x 10' wide of exposed footing. Pipe joints at 'T' leaking. Mod erosion at W end. S ABUT: Hvy (up to 6'W x 3'D) erosion undermining drainage gutters on W side for most of embankment.

6: BOTH W CANTILEVERS: 1/32" map crkg on faces and underside.

7: PIERWALLS: Up to 1/32" mc by lower half at N and S ends. Fh for N pier W face. COLS: Map hlcs all faces.

11: N ABUT: Hvy const debris & old jt seal, most likely inhibiting proper brg movement at E2 & E3.

12: Pulled back at NW ww.

14: BOTH ABUT: Broken weep piping in 2-3 bays. N ABUT: Pipe joints at 'T' leaking and full of sand at downspout 45 deg bends. Both N and S abut gutters have failed and are replaced by piping.

SUPERSTRUCTURE

1: N ABUT: Brg W1 is mod rust and E anchor bolt is bent. Brg W2 not carrying load, loose when hammered and has mod abrasion dust. Brg E1 w/ slightly bent anchor bolts. S ABUT: Brg W1 w/ hvy rust. Brgs E1 thru E3 have slightly bent anchor bolts. Brgs W2 and W3 with heavy abrasion dust. W1 BRG AT PIERS: Hvy rust.

2: N ABUT: Mod corrosion at end of beams and at diaphragm btw E2 and E3. Light/mod corrosion at several bearing stiffeners and diaph E2-E6. S ABUT: Ends of beams and diaphragms w/ moderate

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 51.2		INSPECTOR(S): KEB BRG
	STR NO.: 0351	Riverside Street Overpass (Northbound)	INSPECTION DATE: 05/09/2016

corrosion. W FASCIA BEAM: Mod rust and corrosion of west bot flange throughout, 1/16" loss x W half. Similar but less severe at other beams.

3: W FASCIA BEAM: Bot flange bent at S pier apparent fracture will mobilize bucket truck to get closer look (probable construction damage).

4: Failed paint system throughout beams W1-W3 flgs, less severe beams E2 & E3. Remaining paint is faded & chalky.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 51.21 STR NO.: 1488	Riverside Street Overpass (Southbound)	INSPECTOR(S): KEB BRG INSPECTION DATE: 05/09/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	5
4. Curbs	11	4. - Erosion	4
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	6	7. - Columns	7
8. Railing	7	8. - Scour	11
9. Drains	7	9. - Settlement	11
10. Lighting Standard	11	10. Misc	6
11. Utilities	8	11. Debris on Seats	7
12. Deck Joints	7	12. Fencing	7
13. Approaches	7	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	5
		FHWA Ratings 58. Overall Deck Rating 7 59. Overall Superstructure Rating 6 60. Overall Substructure Rating 5 61. Overall Channel Rating 11 62. Overall Culvert Rating 11	

DECK

- 1: Minor sand accum in W shoulder.
 7: TYP: Moderate map crks w/ moisture throughout, heaviest at E parapet roadway fascia. E FASCIA: Vert crk w/incipient spall over center of rdwy below.
 8: W RAIL: Minor plow damage entire length.
 9: TYP: Scupper pan full of debris, downspout clr.
 11: Utilities installed along girder W1.
 12: BOTH JTS: Sand accum. Jt header in w/ black elastomeric conc repair.
 13: S APPR: Iso minor trans crk. Endposts w/ occasional minor map cracking w/ moisture. NW END POST: Minor spalls and map cracking.

SUBSTRUCTURE

- 1: TYP: Occasional minor hlcs. NE WW: Mod horizontal crack near grade line. SE WW: Minor spalling near grade line.
 2: TYP: Minor spalls and delam, scattered hlcs. Top at roadway w/ black elastomeric conc repair.
 3: BOTH BREASTWALLS: Minor spalls and delam. Scattered hlcs. Infrequent areas of rust staining. N ABUT: E1 pedestals crkd and hvy spalls up to edge of masonry plate. E2, E3 pedestals delam w/ mod cracking at edge. E4 pedestal w/ mod spalls on edge. W2 & W3 pedestal w/ mod spalls up to masonry pl. Breastwall w/ areas of minor localized delamination. S ABUT: E1-E4 & E6 pedestals crkd w/ hvy spalls up to edge of masonry plate, heaviest at E6 w/ 50% of conc spalled/delam to edge of masonry plate.
 4: S ABUT: Mod erosion below timber drainage trough btw W1 - W5. N ABUT: Severe erosion w/ 12' long portion of footing exposed up to 3'-0" deep at E end, 3' deep x 3' wide runoff erosion at top half of embankment. Severe erosion w/ 6" long portion of footing exposed up to 1'-0" deep at W end. All erosion extends from abutment to piers.
 6: CANTILEVERS: 1/16" W crack at repair interface. Minor hairline map cracking throughout.
 7: Minor hairline map cracking throughout.
 10: Mod - hvy veg growth at both abuts on east side between N and S bound.
 11: N ABUT: Hvy debris accum on bridge seat.
 14: TYP: Hvy sand accumulation in front of seat/embankment. Corrugated plastic drainage pipes installed at north abut. Timber trough installed at south abut.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 51.21		INSPECTOR(S): KEB BRG
	STR NO.: 1488	Riverside Street Overpass (Southbound)	INSPECTION DATE: 05/09/2016

SUPERSTRUCTURE

1: BOTH ABUT: Minor/mod abrasion dust at all brgs. Mod/hvy rust of bearing E1. S ABUT: Keeper plate on E side of brg E2 w/ cracked weld. Backward tilt relative to bearings at N abut. ALL PIERS: Brg E1 w/ minor surface rust on fascia side.

2: ALL GIRD: Minor corrosion. Mod/hvy corrosion on girder E1 at both ends. Girder W2 first diaphragm south of abutment warped connection plate.

4: Minor to mod peeling/flaking paint - most severe at east fascia and bottom flanges.

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Inspection Field Report

HNTB Corporation

SECTION 3	MILE: 51.6		INSPECTOR(S): KEB BRG
	STR NO.: 0352	Falmouth Spur Interchange Underpass	INSPECTION DATE: 05/09/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	7	3. - Seat	5	3. Collision Damage	5
4. Curbs	11	4. - Erosion	8	4. Paint	5
5. Median	7	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	8	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	8	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	5
60. Overall Substructure Rating	5
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Minor deterioration along pvmt seam in both lanes. WB Lane: 3' L x 1' W pot hole near east approach.

3: BAYS N1 & S3: Numerous trans hlcs w/ eff. SPAN E3 OVER NB: Areas of mc w/ moist and rust staining in bays N2 & N3. One mod spall w/ exp reinf in bay N2. Spalled haunch for gird N2 & N3. One minor spall w/ exp reinf in bay S3. BOTH OVERHANGS: Isolated trans hlcs w/ eff. BOTH FASCIAS: Isolated vert hlcs w/ moist or eff at para vert paraffin jts.

5: Minor spalls at base throughout due to plow damage.

7: BOTH PARAPETS: Minor vert hlcs w/ moist. Minor scaling on top surfaces.

13: E APPR WB: NE guardrail w/ minor collision damage. Minor trans crks along jt. E APPR EB: Minor collision damage on SE end post. W APPR WB: Minor trans crks long W jt. Minor spalling on NW end post due to collision damage. W APPR EB: Minor trans cks along W jt.

SUBSTRUCTURE

1: ALL WWs: 1/32"W horiz/map crks near abut.

2: BOTH ABUT: Scattered minor fh vert crks.

3: BOTH ABUT: Minor vert/horiz/map crks throughout. Isolated minor spalls. E ABUT: Breastwall w/ minor delam under gird N2. Minor seat delam in bay S3. Pedesstals S1, S2, S4 & N1 spalled and undermining masonry pl up to 4". 1 anchor bolt for brgs S1 & N1 exposed due to pedestal spall. W ABUT: Isolated minor pedestal spalls. Breastwall in bay S2 w/ minor spalling at base.

6: ALL CAPS: Isolated minor vert & horiz crks throughout. ALL CANTILEVERS: Mod mc and isolated minor spalling at ends and rust st.

7: ALL SHAFTS: Scattered minor vert/horiz/map crks throughout.

SUPERSTRUCTURE

1: BOTH ABUT: Mod/hvy corrosion of original sole pls and anchor bolts. Fascia brgs most severe. Brgs w/ 20% loss of anchor bolts & 60% loss of nuts. ALL PIERS: Fascia brgs w/ light/mod rust.

2: GIRDERS: Mod to hvy corrosion at girder bot flgs & lower webs over rdwy & at brg locations. Approx 10% to 20% section loss to bot of abut brg stiffeners, heavier at fascias w/ up to 75% loss to bot 1". FASCIA GIRDERS: 1/8" loss x lower 3" of web at abut. PIER W2: New diaph conn to girders G3 & G5 have only 1 vertical bolt row due to misalignment btw the conn pl & diaph.

3: GIRDERS OVER SB LANES: All girders but 3rd from N have up to 2" high bends in bot flange, locations painted over.

4: Failed paint system for gird bot flgs and lower web over rdwy. BOTH ABUT: Hvy paint loss for gird ends.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 3	MILE: 51.8	Presumpscot River (Northbound)		INSPECTOR(S): KEB HJW
	STR NO.: 0277			INSPECTION DATE: 05/04/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices 8
2. Condition Above	13	2. - Backwall	7	2. Steel Work 7
3. Condition Below	7	3. - Seat	7	3. Collision Damage 11
4. Curbs	7	4. - Erosion	11	4. Paint 7
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	8	
7. Parapet	11	7. - Columns	7	
8. Railing	8	8. - Scour	13	
9. Drains	8	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	
11. Utilities	8	11. Debris on Seats	8	
12. Deck Joints	8	12. Fencing	8	
13. Approaches	7	13. Slope Pavement	11	
14. Fencing	11	14. Drainage Gutters	11	
				FHWA Ratings
				58. Overall Deck Rating 7
				59. Overall Superstructure Rating 7
				60. Overall Substructure Rating 7
				61. Overall Channel Rating 8
				62. Overall Culvert Rating 11

Refer to the most recent Underwater Inspection Report for additional information.

DECK

- 1: Minor ponding & sand accumulation along gutters.
- 3: BOTH OVERHANGS: Occasional trans hlcs w/ eff. BOTH FASCIAS: Numerous vert hlcs w/ moisture.
- 4: BOTH FASCIAS: Numerous vert hlcs w/ moisture.
- 8: BOTH RAILINGS: Horiz rail bolts w/ splines intact.
- 13: BOTH APPR: Scattered minor trans crks. NE GUARDRAIL: Minor plow damage.

SUBSTRUCTURE

- 1: ALL WW: S or N face w/ minor horiz crks w/ moist. NE WW: Occasional vert hlc w/ moisture. NW & SW WW: Minor mc.
- 2: BOTH ABUT: Occasional vert hlcs w/ rust staining, moisture or minor eff, esp at E and W ends.
- 3: BOTH BREASTWALLS: Occasional vert hlcs. Original breastwalls map hlc w/ rust staining and/or minor eff throughout.

SUPERSTRUCTURE

- 2: ORIGINAL GIRDERS W2 - W4: Minor surface along flanges at failed paint locations.
- 4: ORIGINAL GIRDERS W2 - W4: Failed/peeling paint along flanges.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 3		MILE: 51.81 STR NO.: 1489	Presumpscot River (Southbound)		INSPECTOR(S): KEB HJW INSPECTION DATE: 05/04/2016
DECK			SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	7		1. Abutments - Wings	7	1. Bearing Devices 8
2. Condition Above	13		2. - Backwall	7	2. Steel Work 7
3. Condition Below	7		3. - Seat	7	3. Collision Damage 11
4. Curbs	7		4. - Erosion	11	4. Paint 7
5. Median	11		5. - Settlement	11	5. Misc. 11
6. Sidewalk	11		6. Piers - Caps	8	
7. Parapet	11		7. - Columns	7	
8. Railing	8		8. - Scour	13	
9. Drains	7		9. - Settlement	11	
10. Lighting Standard	11		10. Misc	11	
11. Utilities	11		11. Debris on Seats	8	
12. Deck Joints	8		12. Fencing	8	
13. Approaches	7		13. Slope Pavement	11	
14. Fencing	11		14. Drainage Gutters	11	
					FHWA Ratings
					58. Overall Deck Rating 7
					59. Overall Superstructure Rating 7
					60. Overall Substructure Rating 7
					61. Overall Channel Rating 7
					62. Overall Culvert Rating 11

Refer to the most recent Underwater Inspection Report for additional information.

DECK

- 1: Minor cracking S end, CL roadway.
3: BOTH OVERHANGS: Occasional transverse hlcs w/ eff.
4: BOTH CURBS: Top w/ numerous trans hlcs, some w/ moist. BOTH FASCIAS: Occasional vertical hlcs w/ moist and eff. W CURBLINE: Minor debris accumulation.
9: Hvy debris accumulation on pans, downspouts open.
13: BOTH APPR: Minor trans crks adj to jt.

SUBSTRUCTURE

- 1: NE AND SE WW: Isolated trans hlcs w/ moist.
2: BOTH ABUT: Occasional vertical hlcs w/ rust staining/eff.
3: BOTH ORIGINAL BREASTWALLS: 1/32" map cracking w/ rust staining throughout. Some areas of minor eff.
7: E SHAFT: Minor cracking at water line.
61: Minor channel debris at W col.

SUPERSTRUCTURE

- 2: ORIGINAL GIRDERS E2 - E4: Minor surface rust at failed paint areas. E1, E5-E8: Minor surface rust at failed paint areas, less severe.
4: ORIGINAL GIRDERS E2 - E4: Chalkiness with peeling/failing paint at flange edges. E1, E5-E8: Iso areas of peeling paint and lower webs, less severe.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 52	Blackstrap Road Underpass		INSPECTOR(S): KEB HJW
		STR NO.: 0283			INSPECTION DATE: 05/04/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	8	3. - Seat	6	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	6		
8. Railing	9	8. - Scour	11		
9. Drains	9	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	8		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	7	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	8
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: Minor map crcks throughout south shoulder.
- 3: BOTH OVERHANGS: Scattered minor trans crks w/ eff, concentrated near piers.
- 4: BOTH CURBS: Isolated vertical and horizontal cracks.
- 13: E APPR: Up to 1" settlement behind bckwl.
- 14: BOTH FENCES: Numerous second from the top "U" bolts loose at rail posts.

SUBSTRUCTURE

- 1: SE WW: 1/32" W mc.
- 2: BOTH ABUT: Isolated vert hlcs some with moisture.
- 3: BOTH ABUT: Minor/mod map cracking throughout w/ occasional eff or rust staining. W ABUT: Seat in bay S2 w/ 2'L x 8"W delam near beam N3. Seat in bay N2 w/ 2'L x 18"W delam at beam N3.
- 6: TYP: Hlcs w/ on cantilever and top.
- 7: TYP: Minor map cracking throughout. Isolated areas of minor delam on rdwy faces. E PIER: 7'L x 3.5'H delam of N half of W face.
- 10: W PIER: New curb and barrier installed for drainage.
- 14: Rip rap. Original gutters abandoned.

SUPERSTRUCTURE

- 1: BOTH ABUT: Brgs w/ 1-2 anchor bolts w/ nuts loose, particularly W abut.
- 2: TYP: Minor corrosion and surface rust at areas of failed paint. The brg stiffener for beam N1 at the W abut is bent 1" (beam web is straight).
- 4: TYP: Areas of failed/flaking paint, majority of gird bot flanges.

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GRAY

MILE 52.7 to MILE 67.0

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Maine Turnpike Annual Inspection 2016

Inspection Field Report Prepared by: HNTB Corporation

SECTION: 4 Miles: 52.7 to 67.0

BRIDGE SUMMARY: Gray

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
52.40	West Falmouth / Cumberland Interchange Underpass	U	7	11	8	8	7	7	6	9	5	7	8	11	11	7	7	6	11	11
52.60	Leighton Road Underpass	U	6	7	7	7	7	7	6	6	5	11	7	11	8	7	7	6	11	11
53.40	Mountain Road Underpass	U	6	7	8	7	7	7	7	5	6	11	7	11	5	7	7	7	11	11
55.50	Piscataqua River - Structure # 28	O	8	11	9	11	9	9	11	11	11	11	7	11	11	9	7	9	6	11
55.57	Piscataqua River Relief Channel	O	11	11	11	11	11	11	11	11	11	11	6	11	11	11	11	11	6	6
56.60	Hurricane Road Underpass	U	8	6	7	8	8	7	7	7	7	7	7	11	8	7	6	7	11	11
56.61	Hurricane Road Over Piscataqua River	O	7	7	7	8	8	7	7	6	7	11	7	11	8	7	6	7	6	11
56.70	Piscataqua River - Structure #31	O	8	11	9	11	9	9	11	11	11	11	7	11	11	9	6	9	6	11
58.30	Blackstrap Road Underpass	U	6	11	6	7	6	7	7	5	7	13	6	11	7	7	5	7	11	11
59.50	Forest Lake Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	6	7
59.90	Dutton Hill Road Underpass	U	5	5	6	6	7	6	6	5	7	5	7	11	5	6	6	6	11	11
60.80	Eagles Nest Road Overpass (Northbound)	O	5	6	7	7	7	7	7	5	5	11	7	11	6	7	7	6	11	11
60.81	Eagles Nest Road Overpass (Southbound)	O	5	7	7	7	7	7	7	5	5	11	7	11	5	7	7	6	11	11
61.60	Hunts Hill Road Overpass (Northbound)	O	7	11	7	10	10	7	6	7	5	11	7	11	11	7	6	6	11	11
61.61	Hunts Hill Road Overpass (Southbound)	O	6	11	9	10	10	7	6	7	5	11	7	11	11	7	6	6	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 4 Miles: 52.7 to 67.0

BRIDGE SUMMARY: Gray

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
62.30	Pleasant River	O	11	11	11	11	11	11	11	11	11	11	6	11	11	11	11	11	6	6
62.90	Center Road Underpass	U	7	11	7	7	8	7	7	7	5	6	7	11	8	7	7	7	11	11
63.10	Gray Interchange Underpass	U	4	6	6	5	4	4	6	6	6	6	5	11	4	4	5	6	11	11
63.30	West Gray Road/Route 202 Underpass	U	6	11	7	5	5	7	7	7	6	11	7	11	7	7	6	7	11	11
64.30	Shaker Road/Route 26 Underpass	U	7	11	7	6	6	7	7	7	6	6	6	11	7	7	6	7	11	11
65.25	Cole Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	6	11	6	6
66.20	Weymouth Road Underpass	U	6	7	6	5	7	7	7	6	6	7	7	11	7	7	6	7	11	11

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 52.4		INSPECTOR(S): KEB HJW
	STR NO.: 0278	West Falmouth / Cumberland Interchange Underpass	INSPECTION DATE: 05/04/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE		
1. Wearing Surface	7	1. Abutments	- Wings	8	1. Bearing Devices	9
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	6
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	7
4. Curbs	11	4.	- Erosion	8	4. Paint	5
5. Median	8	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	8		
7. Parapet	7	7.	- Columns	8		
8. Railing	8	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	8	12. Fencing		11		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		11		
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FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: Scattered transv hlcs w/ light eff.

7: TYP: Occasional vert hlc w/moist.

8: Railing cap at SE corner missing.

13: TYP: Endposts vert crks w/moit. E APPR EB: Minor spalling on SE end post due to collision damage. W APPR WB: Minor crks along jt.

SUBSTRUCTURE

3: E ABUT: Minor map cracking throughout.

10: W PIER: New curb and barrier installed for drainage.

SUPERSTRUCTURE

2: GIRD S2 - N2: Mod corrosion at locations of paint failure particularly adjacent to abutment jt's. Minor section loss to web and flanges at abutment jt's, similar at outside bay end diaphragms. Hvy laminated rust bottom of bottom flanges interior girders incl splices and splice bolts. GIRD S1 & N1: Fascia girders are new.

3: GIRD N2 AND N3, SPAN E2: Bottom flange upward distortion (heat straightened).

4: TYP: Hvy peeling/flaking paint interior girders throughout, particularly adjacent to abutment jt's.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 52.6	Leighton Road Underpass		INSPECTOR(S): SPS AGP
		STR NO.: 0361			INSPECTION DATE: 05/16/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	5		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	8		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: OVERHANGS: Minor rust staining at shallow reinf in unrepaired areas. TYP: Freq large areas of haunch spalling. Freq trans hlcs often w/ light efflo. BAY S1 SPAN W1: 12"Wx6"Lx1"D spall w/ surrounding moist at weep drain.

8: N RAIL: Missing end caps at E end.

13: W APPR: Minor crks along joint. NW & SW ENDPOST: Mod trans crks, mod scaling, spalled and map cracked w/ moisture.

SUBSTRUCTURE

2: Minor spalling in unrepaired areas.

3: TYP: Vertical and horiz hlcs on faces.

6: ALL CANTILEVERS: Freq hlcs on underside.

12: NW CORNER: Damaged wire fence.

SUPERSTRUCTURE

1: TYP: Mod corrosion, more hvy at fascia bearings. BOTH ABUT: Inconsistent tilt btw brgs. W. ABUT: Brg keeper pl missing at W abut N side of brg N1. E ABUT: Brg S1 has excessive tilt towards backwall with sheared SW anchor at girder to bearing assembly conn.

2: Minor corrosion of girders/diaphragms throughout, more concentrated over roadways and at abutments. Minor impacted rust at bolted connection.

4: Minor/mod peeling/flaking, freq sm areas. More severe over mainline and at girder ends and end diaph.

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 53.4	Mountain Road Underpass		INSPECTOR(S): SPS AGP
		STR NO.: 0362			INSPECTION DATE: 05/16/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	7	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	5		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	8	14. Drainage Gutters	5		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: BAY S1: Occasional transverse crks some w/ light eff. BOTH OVERHANGS: Freq transv crks w/ eff and moisture, some locations of minor map crk'g. FASCIAS: Scattered vert cracks w/ eff.

4: TYP: Scattered minor vertical cracks at exterior faces, top of curb w/ scattered minor longitudinal cracks.

13: BOTH APPR: Endposts w/ mod map cracking, moisture, eff, scaling and small spalls. W APPR: North guardrail w/ several areas of minor damage.

SUBSTRUCTURE

2: W ABUT: Backwall w/ several small spalls at S side.

3: E ABUT: Top and front of seat w/ occasional minor spalls, cracks and popouts. BTWN N2-N3: 18"x12" spall in top of seat. W ABUT: Front of seat w/ vert and map crks in unrepaired areas.

4: E ABUT: Gaps btw precast sections of gutter causing mod/hvy erosion. E AND W ABUT: Mod/hvy accum silt at bottom of slopes. W ABUT: Mod erosion undermining timber trough throughout.

6: ALL PIER CAPS: Mod map crks w/ moisture staining at faces, ends and overhangs. MEDIAN PIER: S cantilever w/ 1'LxFW area of spalls/honeycombing.

7: ALL PIER SHAFTS: Mod vertical and map cracks.

12: All four corners with damaged/missing fence.

14: E ABUT: Freq unsealed gaps btw precast sections. Gutter pulled away from abut up to 8". W ABUT: Gutter abandoned, poor condition.

SUPERSTRUCTURE

1: BOTH ABUT: Mod/hvy corrosion through. E ABUT: All brgs excessive tilt E, heavy losses to anchor bolt nuts and shim plates. W ABUT: All brgs tilted E in warm weather (contracted).

2: ALL GIRDS: Light to mod corrosion of bottom flange and webs over travel lanes.

4: TYP: Mod paint loss at bottom flanges and webs, heavier above travel lanes.

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 4	MILE: 55.5	Piscataqua River - Structure # 28			INSPECTOR(S): KEB BRG
	STR NO.: 0284				INSPECTION DATE: 02/23/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	9	1. Abutments - Wings	7	1. Bearing Devices	11
2. Condition Above	13	2. - Backwall	13	2. Steel Work	11
3. Condition Below	9	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	5	4. Paint	11
5. Median	9	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	9	7. - Columns	11		
8. Railing	9	8. - Scour	5		
9. Drains	9	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	5		
13. Approaches	8	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	9
				59. Overall Superstructure Rating	9
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	6
				62. Overall Culvert Rating	11

Refer to most recent Underwater Inspection Report for additional information.

SUBSTRUCTURE

1: ALL WW: Mod scaled at waterline. NE WW: Map crks w/ moisture.

3: BOTH ABUT: Mod/hvy scaling at waterline. Minor map crks w/ moisture, some w/ eff and staining.

4: Minor erosion at NW slope. Moderate erosion at SW slope at face of WW. Mod/Hvy erosion at NE WW/Channel.

8: N ABUT: Minor scour exposing top 2" of footing at west end. S ABUT: Minor scour exposing top 2" of footing at E end. Not verifiable 2015. See 2016 underwater inspection for more information.

12: Deteriorated or missing wire fencing at all locations.

61: BOTH CHANNELS: Mod slumping of banks, particularly north bank. Multiple trees tilting into the water. UPSTREAM CHANNEL: Silt deposit 15'x4' at SW corner. Top of natural gas line covered by sand bags full length E side of channel (previously exposed in 2012).

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 4	MILE: 55.57	Piscataqua River Relief Channel	INSPECTOR(S): SPS AGP
	STR NO.: 6448		INSPECTION DATE: 05/17/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	6
2. Condition Above	11	2. - Backwall	11
3. Condition Below	11	3. - Seat	11
4. Curbs	11	4. - Erosion	7
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	11	7. - Columns	11
8. Railing	11	8. - Scour	11
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	11	12. Fencing	7
13. Approaches	11	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	11
		59. Overall Superstructure Rating	11
		60. Overall Substructure Rating	11
		61. Overall Channel Rating	6
		62. Overall Culvert Rating	6

Two cell box culvert - 8' H x 10' W.

SUBSTRUCTURE

1: NW WW: Several diagonal mod cracks w/ eff and minor map hlcs.

4: NE WW: 24" wide by 18" deep erosion along face of WW.

61: Thick layer of mud accumulating on invert slab, approximately 6" deep at E end and minor on west end. No flow at the time of inspection. Standing water (4") for all but W end. Mod debris and fallen tree at W end of N barrel.

62: CENTER WALL: Occasional moderate vert cracks. Moderate scaling near bottom. EXTERIOR WALLS: Occasional moderate vert cracks, minor spalls, and mod scaling along base of wall. ROOF SLAB: Occasional minor delamination and spalling in both culvert barrels. Areas of moisture concentrated at midspan. BOTH BARRELS: Roof slab w/ mod scaling, eff with scattered stalactites along cj with repaired section, some with standing drops.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 56.6	Hurricane Road Underpass		INSPECTOR(S): SPS AGP
		STR NO.: 0280			INSPECTION DATE: 05/16/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	6	3. Collision Damage	7
4. Curbs	6	4. - Erosion	8	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	7		
13. Approaches	8	13. Slope Pavement	11		
14. Fencing	8	14. Drainage Gutters	8		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: Beam haunches exhibit freq. minor spalls throughout. Occasional minor/mod transverse crks throughout. BOTH OVERHANGS: Trans crks w/ eff. N OVERHANG: Spalled along beam haunch over SB from previous bridge collision and repair. S OVERHANG: Large shallow spalls over RT lane SB in area of collision repair.

4: N CURB: Scattered hairline cracks. Unfinished patch areas in some posts (top surface adj to fascia) and NE corner. BOTH FASCIAS: Vert hlcs w/ eff.

8: S RAIL: Posts W2-W4, E7-E14, and E1-E3 w/ minor damage (gouges/small dent). N RAIL: Posts above hwy median and at E5-E8 w/ minor damage (gouges/small dent). BOTH RAILS: Rails missing end caps, typ.

SUBSTRUCTURE

2: BOTH ABUTS: Minor to mod cracking and minor spalls in unrepaired areas or painted over.

3: BOTH ABUTS: Minor/mod cracking in unrepaired areas. W ABUT: Pedestals w/ mod cracks adj to anchor bolts. Top of seat exhibits hvy spall at N1 pedisatal on W side. All painted over.

6: MED PIER CAP: Mod spalls at btm of SE corner, w/ up to 1/8" wide vertcal cracks at N/S faces. ALL PIER CAPS: Minor horiz crk at E and W face at overhangs. Min/mod map crks present at N/S faces.

7: E PIER SHAFT: E face map cracks hvy concentration at bottom of S end. Minor spalls at bottom of N and S ends. MED PIER SHAFT: Mod scaling on N side. W PIER SHAFT: Mod scaling on N side, minor spalls at N face. ALL PIERS SHAFTS: Areas of minor map cracking.

SUPERSTRUCTURE

1: W ABUT: Bearings tilted W- N1, N3 mod tilt and N2, N4 slight tilt.

2: ALL GIRDS: Light corrosion over travel lanes and isolated areas of mod corrosion on bottom flange. Mod corrosion at splice bolts.

4: Approx 50% paint loss to the bottom flange and lower half of the webs over rdwy w/ up to 25% loss to upper half of webs over rdwy.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 56.61	Hurricane Road Over Piscataqua River			INSPECTOR(S): SPS AGP	
	STR NO.: 0206				INSPECTION DATE: 05/17/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	7	1. Bearing Devices	6
2. Condition Above	13	2.	- Backwall	6	2. Steel Work	7
3. Condition Below	7	3.	- Seat	6	3. Collision Damage	11
4. Curbs	7	4.	- Erosion	7	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	11	7.	- Columns	7		
8. Railing	7	8.	- Scour	13		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	8	12. Fencing		11		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		8		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	6
					61. Overall Channel Rating	6
					62. Overall Culvert Rating	11

DECK

3: OVERHANGS: Typically exhibit trans hlc throughout with light efflo, more severe at N fascia.

8: Minor collision damage including scrapes/gouges up to 3/16"D at railing posts throughout N/S rails. Top rail exhibits minor collision scrapes full length both sides. Rail end caps typically missing.

13: TYP. ENDPOST: Minor hlc mc w/light efflo throughout. NW & SE ENDPOST: Minor collision damage. W APPR: Minor trans crks along jt.

SUBSTRUCTURE

1: NW WW: Minor spalling at top (painted over).

2: BOTH ABUT: Areas of mod scaling and minor cracking.

3: BOTH ABUT: Areas of mod scaling and cracking on face.

4: W PIER: Mod erosion around E face of column.

6: ALL OVERHANGS: Map hlcs on underside and vert faces.

7: W PIER: S face w/ minor map cracking.

61: Mod erosion of embankments on downstream side.

SUPERSTRUCTURE

1: BOTH ABUT: Minor/mod corrosion. Interior brgs w/ minor abrasion dust. Fascia bearings missing original anchor bolts, retrofit.

2: CENTER SPAN: Weep drain at north fascia girder dripping onto diaphragm and bottom flange of girder causing corrosion. Fascia girders exteriors exhibit scattered areas of minor corrosion.

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HNTB Corporation**

SECTION 4		MILE: 56.7 STR NO.: 0279	Piscataqua River - Structure #31		INSPECTOR(S): KEB BRG INSPECTION DATE: 02/23/2016
DECK			SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	9		1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	13		2. - Backwall	13	2. Steel Work 11
3. Condition Below	9		3. - Seat	7	3. Collision Damage 11
4. Curbs	11		4. - Erosion	5	4. Paint 11
5. Median	9		5. - Settlement	11	5. Misc. 9
6. Sidewalk	11		6. Piers - Caps	11	
7. Parapet	9		7. - Columns	11	
8. Railing	9		8. - Scour	5	
9. Drains	9		9. - Settlement	11	
10. Lighting Standard	11		10. Misc	11	
11. Utilities	11		11. Debris on Seats	11	
12. Deck Joints	11		12. Fencing	5	
13. Approaches	8		13. Slope Pavement	11	
14. Fencing	11		14. Drainage Gutters	11	
					FHWA Ratings
					58. Overall Deck Rating 9
					59. Overall Superstructure Rating 9
					60. Overall Substructure Rating 6
					61. Overall Channel Rating 6
					62. Overall Culvert Rating 11

Refer to most recent Underwater Inspection Report for additional information.

SUBSTRUCTURE

1: ALL WW: Scaled, map crk w/ moist.

3: BOTH ABUT: Breastwall scaled. Mod scaling at water line.

4: SW and SE WW: Moderate erosion. NW WW: Hvy erosion along WW.

8: S ABUT: Minor scour along abut, heavier at E end. N ABUT: mod/hvy apparent scour at E side, similar at NE WW. See 2016 underwater inspection for more information.

12: Fencing down/broken on all four corners.

61: Channel is deepest on E side (upstream) some scour and erosion evident. Sediments are building up downstream. Water too deep to inspect E half of channel.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 58.3	Blackstrap Road Underpass			INSPECTOR(S): SPS AGP	
	STR NO.: 0285				INSPECTION DATE: 05/16/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	5
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	6	3. Collision Damage	13
4. Curbs	11	4.	- Erosion	11	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	6	7.	- Columns	5		
8. Railing	6	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	7	12. Fencing		7		
13. Approaches	6	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		7		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	5
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH LANES: Minor rutting, with occasional pvmt delam in shoulders. W ABUT: Pothole patch along joint armor in WB lane settled/deteriorating.

3: ALL BAYS: Infrequent scattered trans crks some w/ eff. WEEPS: Fully to partially clogged w/ efflo & encrustation.

7: BOTH FASCIAS: Crkd w/ eff at paraffin jts, mod map crk'g w/ moist throughout. ROADWAY FACES: Extensive fine map cracks w/ moist, some w/ eff. Mod cracks above curb plates at NW and SE corners.

8: S RAIL: Minor collision damage on posts E8 & E10.

12: W jt shows evidence from below of past leakage onto substructure (approx 10%).

13: BOTH APPR: Endposts w/ hvy but fine map cracking and moisture. Spalling at deck jt at curbline. Guardrail w/ isolated areas of minor collision damage. E APPR: Infrequent trans cracks in pavement with moderate settlement and rutting. W APPR: Pavement with occasional longitudinal and transverse cracks w/ mod deterioration. Mod rutting in both lanes.

SUBSTRUCTURE

1: ALL WW: Scattered areas of hairline map cracking w/ eff.

2: BOTH ABUT: Numerous areas of mod map cracking and scattered areas of rust staining from jt leakage above.

3: BOTH ABUT: 1/32"W map cracks throughout on top of seat and breastwall: previously coated. E ABUT: Mod crks up to 1/8" wide at N side of pedestals at anchor bolts at N3 and N4.

7: ALL ORIGINAL PIER SHAFTS: Heavily map crk'g some w/ eff, rust staining and moisture predominantly at bottom half of all faces. Occasional area of minor to moderate delamination. Most severe at median pier. W PIER: Hvy rust staining at bottom 6' of N end. ALL WIDENING COL: Occasional minor map crk'g w/ moisture.

SUPERSTRUCTURE

1: TYP: Mod pitting and pack rust at base. E ABUT: All brgs w/ minor abrasion dust. Brg S2 floating w/ mod losses at pintals. W ABUT: Brg N2 floating. S2, S3, and N2 w/ minor abrasion dust.

2: Minor/moderate corrosion at bottom flanges and diaphragms.

4: Occasional areas of peeling paint along bottom flanges and at diaphragms.

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HNTB Corporation**

SECTION 4	MILE: 59.5		INSPECTOR(S): SPS AGP
	STR NO.: 0309	Forest Lake Brook	INSPECTION DATE: 05/17/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7
2. Condition Above	11	2. - Backwall	11
3. Condition Below	11	3. - Seat	11
4. Curbs	11	4. - Erosion	11
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	11	7. - Columns	11
8. Railing	11	8. - Scour	11
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	11	12. Fencing	11
13. Approaches	11	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	11
		59. Overall Superstructure Rating	11
		60. Overall Substructure Rating	11
		61. Overall Channel Rating	6
		62. Overall Culvert Rating	7

Single cell box culvert, 6' x 8'.

SUBSTRUCTURE

1: ALL WW: Minor hlc's w/ moist and occasional eff. BOTH HW: Minor pitting w/ small spalls.

61: Timber debris upstream (E. side) w/ slight stream drift causing embankment erosion.

62: SIDEWALLS: Filler material missing at waterline. Mod scaling at waterline, full length. Frequent hlcs. ROOF SLAB: Isolated FW trans hlcs w/active moisture, one at mid-span leaking at S end, one at 3/4 pt W leaking both N and S sides.

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SECTION 4	MILE: 59.9	Dutton Hill Road Underpass	INSPECTOR(S): SPS AGP
	STR NO.: 0286		INSPECTION DATE: 05/17/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	6	3. - Seat	6	3. Collision Damage	5
4. Curbs	5	4. - Erosion	7	4. Paint	7
5. Median	13	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	5	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	5	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	5		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: TYP: Occasional scattered trans cracks w/ mod eff and moisture. Areas of moderate scaling and eff throughout. W ABUT: Minor spalls along joint armor. E ABUT: End of deck slab at N fascia beam has local spall w/ eff. SPAN E2: Various scattered spalls of S beam haunches, S side of girder N1 haunch 80% spalled over N bound roadway at collision damage. SPANS E2 & W2: Rust staining typ at girder haunches. SPAN W2: Shallow spalls above SB left lane, all bays, in line w/ girder splices.

4: S CURB: Spalled throughout W span w/ rs exposed on all surfaces.

7: BOTH PARAPETS: Heavily scaled and spalled w/ exposed reinforcement throughout. S PARAPET: Heavy scaling and spalling along top throughout. BOTH FASCIAS: Map crk'g w/ mod scaling throughout.

12: BOT JTS: Jts sealed, minor separation occuring at appr interface. E JT: E bound lane with pavement breakup/spalling 2' L by up to 8" W.

13: BOTH APPR: Approach pavement w/ minor to mod cracking. NE ENDPOST: Cable guide rail loose. SE AND NE ENDPOSTS: Frequent vert cracking. NW AND SW ENDPOSTS: Heavy scaling and spalling w/vertical cracking throughout. E APPR: Guardrail posts damaged. SW GUARDRAIL: Isolated damaged post.

SUBSTRUCTURE

1: Minor hl map cracks throughout. SE WW: Full length minor spall at top.

2: BOTH ABUT: Occasional vert crks some w/ eff. W ABUT: Few minor spalls at both ends.

3: E ABUT: Top and front of seat with numerous vertical and transverse cracks, some w/ eff and rust staining. W ABUT: Moderate map cracks throughout w/ 2' long x 1' high x 1' deep spall near N end. N face of seat w/ spall 2'x2'x2"D w/ exposed reinf.

4: W PIER: Minor erosion N and S side up to 8" deep. E ABUT: Minor erosion along slope.

6: Minor map cracking throughout.

7: ALL PIER WALLS: Map cracking typ throughout some w /staining and eff. E PIER: Minor delamination on south face.

12: All corners hvy damaged wire fence.

14: SE CORNER: Heavily deteriorated abandoned wood drainage gutter.

SUPERSTRUCTURE

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 59.9	Dutton Hill Road Underpass	INSPECTOR(S): SPS AGP
	STR NO.: 0286		INSPECTION DATE: 05/17/2016

- 1: ALL BRGS: Light rust at bottom of rockers, scattered brgs w/ masonry pl losses at bottom of rocker (painted over), light abrasion dust at fascia bearings. E ABUT: Bearing N2 and S1 with broken weld at back of sole plate and separated from bottom flange up to 1/2" at back edge. Similar crack at S2 extends 3/4 width across flange.
- 2: ALL GIRDERS: Light to moderate pitting of bottom flanges heavier over travel lanes, predominantly fascia girders (losses painted over).
- 3: NB TRAVEL LANE: S1 bot flange w/ localized vertical displacement (+/- 1" up on S side and +/- 1" down on N side), gouges in bottom flange. S2 bot flange w/ localized vertical displacement at edge (+/- 1/2" up on S side). N1 bot flange w/ up to 1" vertical displacement, and up to 5" of horizontal sweep to the north over a length of 20'. Diaphragm connection angles between median and east pier and between N1/N2 exhibit prying away from distorted N1 web. N2 south haunch spalled 80% of span E2 in same area.
- 4: SPANS E2 & W2: Iso areas of failed paint system w/rs typ at girder bot fl.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 60.8	Eagles Nest Road Overpass (Northbound)			INSPECTOR(S): SPS AGP	
	STR NO.: 0287				INSPECTION DATE: 05/17/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	6	1. Bearing Devices	5
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	6	4.	- Erosion	6	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	11	7.	- Columns	7		
8. Railing	7	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	7	12. Fencing		6		
13. Approaches	5	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		6		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	6
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

At time of insp, contractor on-site performing brg replacement and appr endpost repair/replacement

DECK

3: Occasional transverse cracks w/ eff. Freq at overhangs.

4: Curb concrete has longitudinal hlc's w/ moist throughout. Isolated mod/hvy spall W curb conc, N end adj to Nmost rail post.

12: BOTH JT'S: Minor separation apparent.

13: BOTH APPR: NW &SW endposts heavily scaled w/ hvy spalls and exp. reinf. NE &SE: replaced since last inspection. Pavement exh longitudinal and transverse cracks with minor settlement. S APPR: Sawn jt not fully sealed.

SUBSTRUCTURE

1: NW&SW w/ mod spalling and crks.

2: BOTH ABUT: Map hlc's throughout. Occasional instances of mod eff emanate from CJs.

3: BOTH ABUT: Map hlc's throughout. N ABUT: E1 brg pedestal spalled.

4: N ABUT: Mod erosion at center. S ABUT: Top of footing exposed up to 9"H x 18'-0" L.

6: BOTH CAPS: Minor horizontal hlc's throughout.

7: RDWY FACES: Map cracking bot half throughout.

SUPERSTRUCTURE

1: TYP: Fascia brgs most severe corrosion. N ABUT BRGS: E1 E keeper plate welds broken. W1 both keeper plates missing w/ hvy corrosion. ALL BEARINGS: Brgs do not appear to be properly seated on pintels due to pack rust. S ABUT BRGS: Most keeper plates bent and/or welds broken due to pack rust. S PIER BRGS: All girders excessively tilted South.

2: TYP: Surface rust in locations of paint failure. W1 GIRD: Past repair over roadway evident w/ white paint and heavier corrosion of bf over roadway relative to other girders.

4: Areas of peeling/flaking paint, heaviest in center span girder W1. End diaphragms and beam ends w/ hvy peeling adj both abuts.

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 60.81	Eagles Nest Road Overpass (Southbound)		INSPECTOR(S): SPS AGP
		STR NO.: 1490			INSPECTION DATE: 05/17/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	6	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	7		
13. Approaches	5	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	5		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

At time of insp, contractor on-site performing bearing replacement and appr end post repair/replacement.

DECK

1: Minor rutting in travel lanes.

3: TYP: Scattered transverse hlcs w/ light eff throughout.

4: Scattered infrequent minor longitudinal cracks with moisture, occasional minor spalls along granite curb. An 18" section of E granite curb at N end is separated from the concrete and is displacing slightly into the roadway. BOTH FASCIAS: Hairline cracks with moisture ad efflo throughout.

12: TYP: The sealer in the saw cut jts is separating from the pavement in some areas.

13: SE/NE: Endposts are scaled with hvy spalling and contaminated conc. Some w/ rs, map crks w/ moisture and/or exposed reinf. SW/NW: Replaced since last inspection.

SUBSTRUCTURE

1: SE/NE: Mod spalling, hvy map cracking w/ moisture. SE WW: Hvy spall adjacent bkwl partially repaired at time of inspection.

3: Both Abuts: Some hl horiz cracks w/ spotty rust stain; minor cracks/edge spalls in few pedestals. Protective coating is flaking away.

6: BOTH PIERS: Cantilevers w/hlcs with moisture at underside and E and W faces.

7: BOTH PIERS: Hlcs with moisture throughout.

14: TYP: Mod sand accumulation. S ABUT: Missing on east side +/- 8'.

SUPERSTRUCTURE

1: ALL FASCIA BEARINGS: Moderate to hvy corrosion. N ABUT: E1 missing E keeper plate, E2 w/ cracked weld at W keeper plate. Int brgs minor/mod abrasion dust. Brgs E1 and E2 not resting properly on the pintels - 1/4" gap btw bottom of rocker and masonry plate. N AND S PIER: W1 Brgs w/ mod corrosion. S ABUT: All brgs not seated properly on pintels due to impacted rust of up to 5/8". Bearing W1 missing W keeper plate and flush w/ edge sole plate.

2: Moderate corrosion at repairs, end diaph and ends of girders. W1 w/ mod corrosion, both sides, all surfaces, more severe at center span. Through hole at W1 web at bottom flg mid span of Span S2.

4: Peeling/flaking paint, more severe at W1 and E2 center span. Repair areas missing finish coat.

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 61.6	Hunts Hill Road Overpass (Northbound)		INSPECTOR(S): BRD AGP
		STR NO.: 0306			INSPECTION DATE: 06/15/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	10	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	7	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	10	12. Fencing	7		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

2016 repairs: wearing surface & appr repaving, S deck jt replacement.

DECK

1: Repaving in progress at time of inspection.

3: ALL BAYS: Occasional minor trans crks w/ eff. BOTH FASCIAS: Mod eff and staining along jt btwn para and deck.

7: BOTH PARA: Rdwy side w/ scattered vert hlcs w/ moist & eff, some w/ st. Paraffin jts on fascia w/ areas of eff.

8: BOTH RAILINGS: Minor plow scrapes throughout.

12: S JT: Replacement in progress at time of inspection.

13: BOTH APPR: Endposts w/ map hlcs w/ moist throughout. Isolated endposts w/ minor plow/collision spalls. S APPR: Repaving in progress at time of inspection. N APPR: Minor trans & long crks in right lane.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Numerous minor horiz & vert crks throughout. Weepholes not functioning. Ftg founded on ledge. S BREASTWALL: Up to 1/2"D scaling throughout. Scattered areas of rust staining.

4: S ABUT: Active moist/steady flowing water from under abut at interface w/ ledge at E end.

SUPERSTRUCTURE

1: N ABUT: Vert sole pl bolts in contact w/ elastomeric brg.

2: Mod rust of gird top & bot flgs throughout & web at abuts. Mod rust of diaphs. BOTH ABUT: Gird E1 E brg stiffener w/ 1/4" remaining x fw x lower 2".

4: Failed paint system on gird top & bot flgs throughout, gird webs at abuts & diaphs throughout.

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 61.61	Hunts Hill Road Overpass (Southbound)		INSPECTOR(S): BRD AGP
		STR NO.: 6493			INSPECTION DATE: 06/15/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	10	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	5	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	10	7. - Columns	11		
8. Railing	7	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	10	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

2016 repairs: wearing surface & appr repaving, S deck jt replacement, para repairs.

DECK

1: Repaving in progress at time of inspection.

3: ALL BAYS: Occasional minor trans crks. BOTH OVERHANGS: Numerous trans hlcs w/light eff. Mod eff and staining along jt btwn para and deck.

7: BOTH PARA: Repairs in progress. Rdwy side w/ trans/vert hlcs some w/ mod eff, heavier at E para. Fascias less severe.

8: BOTH RAILINGS: Minor plow scrapes throughout.

12: S JT: Replacement in progress at time of inspection.

13: S APPR: Repaving in progress at time of inspection. N APPR: Isolated transverse cracks in pavement. ALL ENDPOSTS: Minor mc. SE ENDPOST: Cracked and moderately spalled at curb plate.

SUBSTRUCTURE

1: NW WW: Minor mc including cap w/ minor eff.

2: N ABUT: Areas of up to 1/2"D scaling.

3: BOTH BREASTWALLS: Up to 1/2"D scaling throughout. Weepholes not functioning. Ftg founded on ledge. S BREASTWALL: Original lower portion w/ numerous minor horiz crks throughout. Repaired upper portion w/ isolated vert hlcs w/ mod rust staining, some extend across seat. N BREASTWALL: Map hlc throughout. 5'L x 16"H delam at gird W3. E3 pedestal w/ 20"L x fh delam of E face.

4: S ABUT: Active moist from under abut at interface w/ ledge, most severe at E half and W end w/ steady flowing water. N Abut: Less severe than S abut w/ minor active moist.

11: S ABUT: Mod debris accumulation due to removed deck jt seal.

SUPERSTRUCTURE

1: N ABUT: Vert sole pl bolts in contact w/ elastomeric brgs.

2: Mod rust of gird top & bot flgs throughout & web at abuts. Mod rust of diaphs. S ABUT: Gird W1 w/ 1/4" web loss x lower 1 1/2" of W face & W brg stiffener w/ 100% loss x 2"W x 1"H & 1/16" remaining x remaining width.

4: Failed paint system on gird top & bot flgs throughout, gird webs at abuts & diaphs throughout.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 62.3	Pleasant River			INSPECTOR(S): SPS AGP
	STR NO.: 0310				INSPECTION DATE: 05/17/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	6	1. Bearing Devices	11
2. Condition Above	11	2. - Backwall	11	2. Steel Work	11
3. Condition Below	11	3. - Seat	11	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	11	8. - Scour	13		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	4		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	11
				59. Overall Superstructure Rating	11
				60. Overall Substructure Rating	11
				61. Overall Channel Rating	6
				62. Overall Culvert Rating	6

Two cell box culvert .

SUBSTRUCTURE

1: NW, SE AND SW WW: Minor spalls. NW WW: Full height vert hlc's w/ mod eff and moist. Map crks w/ moist and st.

12: Fence collapsed or missing at all corners.

61: Mod/hvy accumulation of silt on downstream end (west), particularly adj to ww's and center wall.

62: BOTH BARRELS: Heavy scaling along waterline continuing to ends of center wall with small area fully scoured just above water line. Occasional moderate vert cracks w/ moisture. E AND W HEADWALLS: Minor scaling throughout. E HEADWALL: 1/4" wide horiz crk at bot w/st. N BARREL: Six minor vert crk's scattered on N wall near waterline w/ seepage. S BARREL: Mod vert crk and minor spalling with active leak on south wall near waterline at median. Three minor vertical hlcs on S wall with seepage. W HEADWALL: Full length horiz crk at bot and lower face up to 1/2" wide w/ st.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 62.9	Center Road Underpass	INSPECTOR(S):	SPS AGP	
	STR NO.: 0288		INSPECTION DATE: 05/19/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	8	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	6
4. Curbs	11	4. - Erosion	8	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11	FHWA Ratings	
11. Utilities	11	11. Debris on Seats	8	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing	8	59. Overall Superstructure Rating	7
13. Approaches	7	13. Slope Pavement	11	60. Overall Substructure Rating	7
14. Fencing	11	14. Drainage Gutters	8	61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Frequent hlc's w/ mod eff and stalactites - full length. Infrequent transv hlc's w/ light eff other bays throughout spans.

7: BOTH PARAPETS: Numerous vert hlcs and frequent map cracking on all sides, all w/ moisture and eff. SE CORNERS: Parapet cracked over curb plate.

8: BOTH RAILS: Minor plow scrapes throughout. N. RAIL: Top rail at W end missing end cap. Scattered posts throughout N rail w/ minor scrapes and collision damage.

12: Minor sand accum typ both joints.

13: Wooden curbs covered by sand. ALL ENDPOSTS: Patches of minor map cracking w/ moist and eff.

SUBSTRUCTURE

2: E ABUT: Mod crks w/ eff and staining. Heavy rust staining at N end. W ABUT: Minor hlc's w/ rust staining.

3: BOTH ABUTS: Minor hlc's w/efflo and rust staining.

6: Typ minor hlc's each face.

7: Typ minor hlc's each face.

12: Gates located at SW & SE corners.

SUPERSTRUCTURE

1: Elastomeric bearings: Minor longitudinal and trans deflection in varying directions at each abutment.

2: Steel exhibits mod rust in areas of paint loss.

3: GIRDS N1, S2 & S3: Minor sweep above SB.

4: Considerable loss of paint on bottom flanges over highway; iso paint loss on end spans.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 63.1	Gray Interchange Underpass			INSPECTOR(S):	SPS AGP
	STR NO.: 0290				INSPECTION DATE: 05/18/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	4	1. Abutments	- Wings	5	1. Bearing Devices	6
2. Condition Above	13	2.	- Backwall	5	2. Steel Work	6
3. Condition Below	4	3.	- Seat	4	3. Collision Damage	6
4. Curbs	6	4.	- Erosion	6	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	6		
7. Parapet	11	7.	- Columns	5		
8. Railing	6	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11	FHWA Ratings	
11. Utilities	11	11. Debris on Seats		5	58. Overall Deck Rating	4
12. Deck Joints	5	12. Fencing		11	59. Overall Superstructure Rating	6
13. Approaches	4	13. Slope Pavement		11	60. Overall Substructure Rating	5
14. Fencing	11	14. Drainage Gutters		4	61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: TYP: Sealed and patched throughout covering heavy transverse, longitudinal cracks and potholes. Moderate to heavy rutting WB lane. Several patches deteriorated and depressed causing rough surface. Localized areas of heavy map cracking and depressed pavement. BOTH SHLDS: Pavement delaminated and heavily heaved throughout. WB LANE: Near E jt large area of exposed deck w/ seal outline.

3: TYP: Scattered map cracking and trans cracks w/ eff and staining and hvy dampness heavier in bays N1 and S1, heaviest in span W2. Map cracking w/ eff and st at weep drains. BOTH OVERHANGS: Extensive and severe spalls w/ exposed reinf full length. SPAN W2: Bay N2 shielded. Isolated mod spall w/ exp reinf in Bay N3. SPAN E2: Bay N2 sheilded. Bay N1 with two mod spalls w/ exp reinf. SPAN E3: Map cracking w eff, rust staining and dampness in Bay N1 & N2. SPAN W1: S overhang w/ section of spalled conc hanging by rebar, not over roadway.

4: N CURB: Occasional minor scaling on top. S CURB: Large heavy spall over SB on ramp exposing railing anchor bolts. Two incipient spalls over shoulder of SB on ramp lane. NW & SW ENDS: Mod spalls adj to jt curb plate, jt curb plate is not connected to curb due to spall.

8: BOTH RAILS: Minor plow damage to isolated posts. N RAIL: East end w/ col damage to top and middle rail over last 5'-0".

12: BOTH JTS: Joint seals partially pulled from extrusions. Curb plates mod corrosion w/ occasional bends. E JOINT: Joint armor in both shoulders +/- 1/2" higher at approach side. Minor impact damage throughout w/ armor broken in WB lane. W JOINT: Armor loose at WB lane (minor). Mod impact damage at WB. Deck deteriorated at south end producing a gap btwn jt armor and S curb allowing water to run onto abutment seat.

13: BOTH APPR: Pvmt sealed throughout covering heavy crks, adj areas exhibit mod to hvy map crks with localized pvmt breakup adj to jts. Localized areas of minor settlement (+/- 1"). ALL ENDPOSTS: Mod to heavy areas of deterioration/spalling w/ exposed rs and mod map cracking w/ st and moisture. Curbs spalled and settled up to 5". SE & SW curb spalled and cracked near jt. Typ. damaged and missing blts at connection to endpost and mod damage in several areas.

SUBSTRUCTURE

1: ALL WW: Heavily map crk'd some w/ moisture and eff. Areas of hvy scaling and minor spalls. NW WW: Spalls w/ delam at E end.

2: E ABUT: Vert crks w/ rust staining and moisture, backwall spalled at jt at S end. W ABUT: Backwall w/ vert crks w/ moisture and eff, spall at S end 2'-1" L by full height by 3 1/2" D.

3: E ABUT: Minor cracks on top and face of seat with rust staining. Heavily spalled 9' long x 1'-4" high x 5" deep at grade line in bay N1 with exposed rebar. Heavily spalled full height x 2' L x up to 6" D at S end w/ exp rebar and undermining brg S1 full height. W ABUT: Brg peds crk'd w/ hvy spalls. Seat spalled, crk'd w/ eff and staining at N end. Face map crk'd w/ rust staining, eff and moisture.

4: W ABUT: Hvy erosion at N end, mod at S end. E ABUT: Mod to hvy erosion at face of abut.

6: ALL PIER CAPS: Map crk'ing at both ends w/ moisture and eff.

Maine Turnpike Annual Inspection

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HNTB Corporation

SECTION 4	MILE: 63.1	Gray Interchange Underpass	INSPECTOR(S): SPS AGP
	STR NO.: 0290		INSPECTION DATE: 05/18/2016

7: ALL PIER COL: Mod map crk'd, spalled and delaminated w/ rust staining, eff and moisture. E PIER SHAFT: W face w/ hvy spalls/delam throughout. E2 & W2 PIER SHAFTS: Moderate spall/delam on W side of E2 & E side of W2 up to 7' high. W2 w/ spall 16" L by 8" H by up to 4" D at SE corner bottom. W PIER SHAFT: Bot 6' of E and N faces spalled/delam w/ exp rebar.

11: E ABUT: A local 12" high pile of bit conc has fallen thru the joint at the south curb and surrounds the back half of Brg S1: Scattered debris elsewhere. W ABUT: Sim 12" pile of debris at S end of seat surrounding the back edge of the brg.

14: BOTH ABUT: Gutters heavily deteriorated, filled with sand.

SUPERSTRUCTURE

1: E ABUT: Abrasion dust typ. Brg N1 titled further to E than other brgs. Brg N2 w/ hvy abrasion dust, pack rust and floating. Brg S1 is undermined by 2.5" along the S side due to seat spall w/ anchor bolt exposed. Brg S1 is encased in a 12" high pile of bit conc at the back half. Fascia brgs and brg N2 w/ mod corrosion and pack rust between rocker & mas plate. W ABUT: Abrasion dust on some brgs. Fascia brgs w/ hvy corrosion and pack rust, others light to mod.

2: Freq sm areas of mod rust in areas of missing paint including bott flange splice bolts.

3: GIRD S1: Bot flange bent up 1" locally on N side above SB right travel lane.

4: Mod paint loss on int 3 spans over roadways. Minor paint loss on end spans.

**Maine Turnpike Annual Inspection
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Inspection Field Report
HNTB Corporation**

SECTION 4	MILE: 63.3	West Gray Road/Route 202 Underpass			INSPECTOR(S): SPS AGP
	STR NO.: 0289				INSPECTION DATE: 05/18/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	5	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	6	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	6		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	5	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: WB LANES: Numerous moderate transverse, longitudinal and map cracks.

3: BOTH OVERHANGS: Iso transverse cracks w/ eff.

7: S PARAPET: Occasional hairline vertical cracks w/moist.

8: S RAIL: 6" long tear in lower rail at connection to SE endpost. Iso collision damage including scrapes and gouges to rail post typ east half of bridge.

12: BOTH JTS: Evidence of leakage at shldrs as noted from below. Mod sand/debris accum in joints. W JT: joint armor is being undermined w/ hollow sounds in various areas, EB lane mod plow gouges/scrapes. E JT: seal torn in S shld.

13: E APPR: Pavement mod cracking, heavier over backwall. Minor settlement (+/- 1") throughout. Endposts w/minor vertical cracks w/moisture. NW, NE & SE ENDPOST: Scraped (Minor plow damage). W APPR: Pavement mod cracking. Settlement at WB lanes up to 2" and up to 1" at EB lanes.

SUBSTRUCTURE

1: TYP: Minor hlc's w/ isolated spalls.

2: TYP: Scattered hlc's w/ occasional rust st. E ABUT: Spall at S3, 1'-8" L by 1'H by up to 1 1/2" D. North of N1 (2) spalls 1'-0" diam by 1" D at base of backwall.

3: TYP: Infrequent vert hlc's at top half of seat w/ occasional rust st, minor/mod delam at bottom of seat.

4: E ABUT: Moderate erosion along north side due to deteriorated gutter. E PIER: Minor erosion at N and S end of pier due to roadway runoff.

6: TYP: Minor hairline map crks throughout.

7: TYP: Scattered hairline map cracking throughout, more freq at bot half of faces adj to roadway. MEDIAN PIER: Hvy map crks throughout. W face w/ mod delam full width of lower 6'-0" of col.

12: Fencing only at NE and SW corners.

14: W ABUT: Trough separating from abut up to 1" at N end.

SUPERSTRUCTURE

1: TYP: Numerous bent/tilted anchor bolts scattered throughout.

2: TYP: Light/mod corrosion at areas of paint deterioration scattered throughout. W ABUT: Minor corrosion at bottom flanges of N1 - N5.

4: TYP: Mod failure of paint system at N1-N5 scattered throughout, heaviest at abutments & over roadways.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 64.3		INSPECTOR(S): SPS AGP
	STR NO.: 0291	Shaker Road/Route 26 Underpass	INSPECTION DATE: 05/18/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	6	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	6	3. Collision Damage	6
4. Curbs	11	4. - Erosion	6	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	6		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Numerous mod long/trans crk's, with mod wear to surface, iso areas of pvmt delam throughout. Spalled wearing surface at SE corner has been sealed. Occ areas of minor delamination along parapet & W jt.

3: OVERHANGS: Infrequent trans crks w/ moisture and eff. BAY S1: Several trans crks w/ moisture and eff over E pier. BAY S2: Deck w/ mod spalling and rs along W joint and E joint.

7: TYP ALL FASCIAS: Heavy map cracking, vertical cracks w/ moisture and light eff. N parapet & W half of S parapet have a high concentration of faint hlc's w/ moisture staining on the roadway face.

8: South parapet rail at highway median, 1 post w/ plow damage and dented up to 1". Top rail at 2 locations in same area are torn underside 12" long and 24" long.

9: Scupper grate at SE & NE corners 50% clogged w/ debris, downspout clear.

12: BOTH EXP JT'S: Filled w/sand/debris, seal is not engaged into the armor extrusion in multiple locations and sagging slightly. Rust staining observed on backwall below. W JT: The joint seal is fully compressed at the N end & the seal has been squeezed upward above the armor in the shld & torn. Numerous gouges from plows along the W edge.

13: ALL ENDPOSTS: Heavily map cracked with moisture and eff. NE & SE ENDPOSTS: Bolts bent/damaged at guardrail transition. BOTH APPR: Pavement w/ random mod trans cracks.

SUBSTRUCTURE

1: TYP: Minor hlc's and map cracking. E ABUT: BOTH WWends spalled w/ exposed reinf.

2: TYP: Scattered hlc's w/ moisture and rust staining from jt.

3: TYP: Frequent vert hlc's, map cracks and minor/mod delam w/ rust staining and eff at ff & top of seat. Sealant deteriorated. E ABUT: Hvy spalling at N ends. W ABUT: 90% delam in bays N1, N2, N3.

4: TYP: Minor erosion at slope.

7: TYP: Scattered hlc's, map cracking and minor delam throughout. Conditions are more frequent at faces adjacent to roadway. PIER E1: Minor spall on SW corner w/ rs.

14: E ABUT: MOD sand accumulation. Occasional spall w/ exposed reinf.

SUPERSTRUCTURE

1: TYP: Sm areas of light corrosion on galvanized surfaces. W ABUT: Area of light rust on S3 sliding surface and mod rust on disc.

2: TYP: Light/mod corrosion at areas of paint deterioration. More frequent at fascia girders, bottom flange of interior girders and steel below joints.

3: S FASCIA GIRD: Over NB passing lane bot S side of flange bent up +/- 1", no visible sweep.

4: TYP: Scattered peeling, flaking paint along bottom flanges & lower webs over rdwy, less frequent in other spans.

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Inspection Field Report

HNTB Corporation

SECTION 4	MILE: 65.25	Cole Brook			INSPECTOR(S): SPS AGP	
	STR NO.: 0311				INSPECTION DATE: 05/18/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments	- Wings	7	1. Bearing Devices	11
2. Condition Above	11	2.	- Backwall	11	2. Steel Work	11
3. Condition Below	11	3.	- Seat	11	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	8	4. Paint	11
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	11		
7. Parapet	11	7.	- Columns	11		
8. Railing	11	8.	- Scour	6		
9. Drains	11	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11	FHWA Ratings	
11. Utilities	11	11. Debris on Seats		11	58. Overall Deck Rating	11
12. Deck Joints	11	12. Fencing		11	59. Overall Superstructure Rating	11
13. Approaches	11	13. Slope Pavement		11	60. Overall Substructure Rating	6
14. Fencing	11	14. Drainage Gutters		11	61. Overall Channel Rating	6
					62. Overall Culvert Rating	6

Two cell box culvert.

SUBSTRUCTURE

61: Approx 3' - 4' of sand/silt accumulation in both barrels, heaviest in S barrel at E end. Timber debris/beaver dam in S barrel at W end. At W entrance to culvert there is hvy sediment deposits adj to WW w/heavy erosion near center wall, likely undermining culvert. Fallen trees and heavy veg growth present at W end.

62: Heavy scaling at waterline particularly at upstream end of center wall (25% to 50%). Both barrels w/ mod crks at E and W face. Mod spall at top of center wall at E face. Occasional minor vert crks throughout and cjs w/mod seepage. Mod cracking with eff at culvert interfaces and at top of W end of centerwall. Both barrels have 1/8"W thru cracks at the walls and top slab at mid barrel w/ mod eff w/ seepage. S wall at waterline at this location also exhibits a 4"D spall.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 4		MILE: 66.2	Weymouth Road Underpass		INSPECTOR(S): SPS AGP
		STR NO.: 0292			INSPECTION DATE: 05/18/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	7
4. Curbs	7	4. - Erosion	6	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	6		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	5		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

- 1: TYP: At E and W jts, minor trans map crks adj to armor full width. Minor wear to wearing surface throughout. W END: Minor pvmt settlement E of jt, both lanes.
- 3: Overhangs exhibit hlcs w/ light efflo.
- 4: TYP: Hvy sand accum adj to and on top of curbs.
- 8: Two bar aluminum rail. BOTH RAILS: Light/hvy plow damage to numerous posts at both curbs. N RAIL: 1 Rail over NB lanes has 8 consecutive posts w/ hvy plow scrapes and/or bends up to 1". S RAIL: Top rail over NB E shoulder (3) locations of up to 2' L tears to rail underside.
- 12: BOTH JTS: Leaking onto abut, seals are typ torn and displaced in several locations. W JT: Has mod plow damage with gouges up to 8" L by 9/16" D in the EB lane.
- 13: TYP: Minor rutting, infrequent minor cracks adj to jt. Endposts w/ map cracking and moisture. SE ENDPOST: Minor spall adj to top rail of transition.

SUBSTRUCTURE

- 3: Both seats have iso vert hlcs w/ rust stains. W ABUT: Spall below N1 measuring 13"L x 4"H x 2"D.
- 4: E ABUT: Erosion at S side of drainage gutter below girder N2, 12"W x up to 9" D x full length. Erosion beginning to undermine drainage gutter.
- 6: W PIER CAP: Minor surface spall at N overhang, horiz crk/delam below brgs S1 and S2 on W face.
- 7: E PIER SHAFT: Horiz and vert crks w/ occasional rust stains, W face heavily delaminated around/above patches +/-50%. MED PIER SHAFT: Areas of horiz and vert crks all faces, w/ +/- 30% of all faces delaminated adj patches. W PIER SHAFT: Vert crks, minor surface spalls w/ st and eff at N end. E face has +/- 50% delaminated adj patches.
- 12: NW WW: Fence down. Partially broken at SE corner.
- 14: W ABUT: Gutter pulled 2"+/- away from abut seat at south end. E ABUT: Uneven abutting gutter sections causing erosion adj to gutter below girder N2. TYP: Mod accum of sand/debris.

SUPERSTRUCTURE

- 1: TYP: Mod to hvy corrosion with mod to hvy pack rust (up to 5/8" thk) at all abut brgs; minor rust to pier brgs. W ABUT: Brg anchor bolts at S2 & S3 with up to 75% loss to nuts.
- 2: Localized areas of minor corrosion to splices, bottom flanges and webs throughout; heaviest at weep drains at inside face of fascia girders. Ends of girders at bearing areas below expansion joint exhibits mod corrosion.
- 3: N FASCIA GIRD: Minor sweep to gird N1 gird above SB w/ minor gouging at edge of bot flg.
- 4: Mod paint loss in spans over turnpike, iso areas of paint loss to bottom flange of end spans.

AUBURN

MILE 67.0 to MILE 86.7

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 5 Miles: 67.0 to 86.7

BRIDGE SUMMARY: Auburn

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
67.50	Mayall Road Underpass	U	8	11	8	7	8	8	8	8	8	11	8	7	11	8	8	8	11	11
68.60	Bennett Road Underpass	U	6	7	7	6	6	7	7	7	6	11	7	11	5	7	7	7	11	11
70.20	Chandler Mill Road Underpass	U	7	7	8	8	8	8	8	8	11	11	8	11	5	8	8	8	11	11
70.80	Snow Hill Road Underpass	U	7	7	8	7	8	7	9	9	9	11	7	11	11	8	7	9	11	11
71.10	Royal River (Northbound)	O	7	11	7	7	7	7	6	5	6	11	7	11	11	7	7	6	7	11
71.11	Royal River (Southbound)	O	7	11	7	7	7	7	6	5	5	11	7	11	11	7	7	6	7	11
71.60	Bald Hill Road Overpass (Northbound)	O	8	8	8	7	9	7	7	6	7	7	7	11	9	7	7	7	11	11
71.61	Bald Hill Road Overpass (Southbound)	O	9	9	9	9	9	7	7	6	7	11	7	11	9	7	7	7	11	11
72.90	Foster Brook (3-72" RCP)	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	4	6
74.00	Poland Spring Road / Rte. 122 Underpass	U	6	7	6	6	7	6	6	5	5	11	7	11	6	6	7	6	11	11
74.50	St. Lawrence & Atlantic RR Overpass (Northbound)	O	6	7	7	7	7	7	7	8	5	11	7	11	11	7	7	7	11	11
74.51	St. Lawrence & Atlantic RR Overpass (Southbound)	O	7	7	7	6	7	7	7	8	5	11	8	11	11	7	7	7	11	11
75.00	Kittyhawk Avenue Underpass	U	7	7	7	7	8	7	7	7	7	11	7	7	11	7	7	7	11	11
75.30	Auburn Interchange (Northbound)	O	7	11	7	11	6	7	7	7	7	6	6	11	11	7	5	7	11	11
75.31	Auburn Interchange (Southbound)	O	6	11	7	11	6	7	7	7	7	11	6	11	11	7	6	7	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
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SECTION: 5 Miles: 67.0 to 86.7

BRIDGE SUMMARY: Auburn

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
75.60	Washington Street & MCRR Overpass (Northbound)	O	8	11	7	8	8	7	7	8	6	11	8	11	8	7	8	7	11	11
75.61	Washington Street & MCRR Overpass (Southbound)	O	7	11	7	8	8	7	7	8	6	11	7	11	8	7	7	7	11	11
75.80	Danville Corner Road Underpass	U	6	11	7	6	7	7	7	7	6	6	7	11	6	7	6	7	11	11
76.90	Hackett Road Underpass	U	6	6	6	6	6	7	7	6	6	6	7	11	6	7	6	7	11	11
77.60	South Main Street Underpass	U	6	11	7	7	7	8	8	8	8	11	7	11	11	8	7	8	11	11
78.90	Androscoggin River (Northbound)	O	6	11	7	6	8	7	5	5	5	11	6	11	7	7	5	5	7	11
78.91	Androscoggin River (Southbound)	O	6	11	6	6	8	7	5	5	5	11	6	11	7	7	5	5	7	11
79.40	River Road Overpass (Northbound)	O	6	11	7	5	6	7	6	5	5	6	7	11	7	7	6	6	8	11
79.41	River Road Overpass (Southbound)	O	6	11	7	5	6	7	6	5	6	6	7	11	4	7	6	6	8	11
79.56	Southern Hart Brook	O	11	11	11	11	11	11	11	11	11	11	4	11	11	11	11	11	5	6
79.60	Goddard Road Overpass (Northbound)	O	7	11	7	7	6	7	6	6	6	6	7	11	6	7	6	6	11	11
79.61	Goddard Road Overpass (Southbound)	O	6	11	7	7	6	7	6	5	6	6	7	11	7	7	7	6	11	11
79.65	Northern Hart Brook	O	11	11	11	11	11	11	11	11	11	11	5	11	11	11	11	11	6	13
80.30	Lewiston Interchange Overpass (Northbound)	O	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
80.31	Lewiston Interchange Overpass (Southbound)	O	9	11	9	11	9	9	9	11	8	11	9	11	11	9	9	9	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 5 Miles: 67.0 to 86.7

BRIDGE SUMMARY: Auburn

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
80.80	Ferry Road Overpass (Northbound)	O	6	11	7	11	6	7	7	7	7	6	7	11	11	7	6	7	11	11
80.81	Ferry Road Overpass (Southbound)	O	7	11	7	11	6	7	7	7	7	11	6	11	11	7	6	7	11	11
81.40	Lisbon St. / Rte. 196 & MCRR Overpass (Northbound)	O	8	11	8	8	8	7	7	8	6	11	8	11	6	7	7	7	11	11
81.41	Lisbon St. / Rte. 196 & MCRR Overpass (Southbound)	O	7	11	8	8	8	7	7	8	6	11	8	11	8	7	7	7	11	11
81.80	Old Lisbon Road Underpass	U	7	7	8	6	8	7	8	8	8	11	7	11	11	7	7	8	11	11
82.50	No Name River	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	7	7
82.70	Webster Road Underpass	U	6	11	7	7	7	7	6	6	6	11	7	11	6	7	6	6	11	11
83.70	Grove Street Underpass	U	7	11	7	6	6	7	7	7	7	11	6	11	6	7	6	7	11	11
84.30	Lisbon Road Underpass	U	7	11	7	7	7	7	7	7	7	11	7	11	7	7	7	7	11	11
85.20	Sabattus River (Northbound)	O	7	11	8	11	8	7	7	8	6	11	8	11	11	7	7	7	7	11
85.21	Sabattus River (Southbound)	O	7	11	8	11	7	7	7	8	6	11	7	11	11	7	7	7	5	11
85.80	Southern Maxwell Brook	O	11	11	11	11	11	11	11	11	11	11	6	11	11	11	11	11	6	6
86.10	Middle Road / Rte. 9 Interchange Underpass	U	6	11	7	6	7	7	8	7	8	11	7	11	11	7	6	8	11	11
86.11	Northern Maxwell Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	5	7

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 67.5	Mayall Road Underpass			INSPECTOR(S): SPS AGP	
	STR NO.: 0293				INSPECTION DATE: 05/19/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	8	1. Bearing Devices	8
2. Condition Above	13	2.	- Backwall	8	2. Steel Work	8
3. Condition Below	8	3.	- Seat	8	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	8	4. Paint	8
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	8		
7. Parapet	8	7.	- Columns	8		
8. Railing	7	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	7	12. Fencing		8		
13. Approaches	8	13. Slope Pavement		7		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	8
					59. Overall Superstructure Rating	8
					60. Overall Substructure Rating	8
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: Hvy sand/debris accum at both shlds.

3: BOTH OVERHANGS: Minor tranverse cracks w/ eff over pier. E and W end haunches in all bays exhibit hlc w/mod eff at weep drain locations.

8: TYP: Minor scrapes to railing throughout. N RAIL: Posts E10-E12 with collision damage exhibiting up to 1" bends and crks at backside of bends.

12: BOTH JTS: Hvy sand accum at bridge jounts. Minor plow scrapes to joint armor.

SUBSTRUCTURE

4: NE SLOPED PAVEMENT: Minor erosion adj. to the lower half the the north east sloped pavement.

13: W ABUT: Minor settlement of sloped pvmt (up to 1").

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5		MILE: 68.6	Bennett Road Underpass		INSPECTOR(S): SPS AGP
		STR NO.: 0294			INSPECTION DATE: 05/19/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	5		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: BOTH SHLDRS: Interface between curb and pavement has failed causing delamination of shldr pvmt. Most severe N shldr. Hvy sand/debris accum throughout.

3: BOTH FASCIAS: Scattered vert hlc w/ light efflo throughout.

4: BOTH CURBS: Numerous minor long crks and scattered minor spalls on top of curb.

8: TYP: Minor scrapes along top rail. N RAIL: Minor scrapes to 2 posts over highway median.

12: Seals on both joints are dislodged, torn and leaking at several locations.

13: TYP: Several transverse and longitudinal cracks w/ mod deterioration throughout, mod pvmt deterioration adj backwall. W APPR: Several minor spalls and numerous mod mc at backwall. E APPR: The backwall has several minor spalls adjacent to the joint and mod map cracking to the top of backwall. ALL ENDPOSTS: Minor to mod to mc.

SUBSTRUCTURE

2: TYP: Scattered hl vert and map crks some w/ moisture & eff. Hlc's w/ mod/hvy eff at ends of abutments. Rust staining from jt's throughout. SW ABUT: Areas of delam south of south fascia girder below jt.

3: TYP: Scattered vert crks w/ moisture, infrequent eff and st.

4: E ABUT: Hvy slope erosion 5' wide x 2' deep x full height at N end. E PIER: Mod erosion around base, heaviest on N side of S col - drainage ditch N of pier. W ABUT: Minor erosion at N end of slope.

7: ALL COL: Occasional minor map crks w/moisture. E PIER SHAFT: Minor delamination along grade line of W face and SW Corner of S col. MED PIER SHAFT: Minor delamination at SE corner of S col, accompanied by vertical crack, just above grade line. W PIER: North column exhibit iso hlc and delam to lower half of roadside face.

12: All corners down or damaged.

14: W ABUT: Hvy deterioration at trough bit and top of downspout, with hole in downspout.

SUPERSTRUCTURE

1: TYP: Minor rust with minor abrasion dust. Occasional areas of pitting on masonry plates.

2: TYP: Areas of minor to mod corrosion at areas of paint loss to web and flanges of S1-S3, heaviest above travel lanes. Less severe at N1 and N2.

4: TYP: Areas of minor to mod. paint loss to web and flanges of S1-S3, heaviest above travel lanes. Less severe at N1 and N2.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 5	MILE: 70.2	Chandler Mill Road Underpass		INSPECTOR(S): SPS AGP
	STR NO.: 0295			INSPECTION DATE: 05/19/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices 8
2. Condition Above	13	2. - Backwall	8	2. Steel Work 8
3. Condition Below	8	3. - Seat	8	3. Collision Damage 11
4. Curbs	7	4. - Erosion	8	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	8	
7. Parapet	11	7. - Columns	7	
8. Railing	8	8. - Scour	11	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	
11. Utilities	11	11. Debris on Seats	8	
12. Deck Joints	8	12. Fencing	8	
13. Approaches	7	13. Slope Pavement	11	
14. Fencing	8	14. Drainage Gutters	5	
				FHWA Ratings
				58. Overall Deck Rating 8
				59. Overall Superstructure Rating 8
				60. Overall Substructure Rating 8
				61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

1: SHLDR: Hvy sand/debris accum at both shoulders of roadway.

3: BOTH OVERHANGS: Frequent hlcs.

4: TYP: Trans hlcs at all rail post locations.

12: TYP: Hvy sand/debris at joint with minor iso plow scrapes to joint armr.

13: W APPR: Mod collision damage to top rail at N guardrail w/ 3 damaged posts w/ scrapes, bents up to 1 1/8" D, and iso cracks at roadway facing. E APPR: Mod collision damage to top rail at S guardrail.

14: S RAIL: Snow fence over NB right shld missing u-bolt nuts at lower east side of bolt at (1) post location.

SUBSTRUCTURE

14: BOTH ABUT: Abandoned, deteriorated bituminous trough located at front both abutments

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 70.8	Snow Hill Road Underpass		INSPECTOR(S): SPS AGP
	STR NO.: 0296			INSPECTION DATE: 05/19/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices 9
2. Condition Above	13	2. - Backwall	7	2. Steel Work 9
3. Condition Below	7	3. - Seat	7	3. Collision Damage 11
4. Curbs	7	4. - Erosion	8	4. Paint 9
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	7	
7. Parapet	11	7. - Columns	7	
8. Railing	8	8. - Scour	11	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	
11. Utilities	11	11. Debris on Seats	8	
12. Deck Joints	7	12. Fencing	8	
13. Approaches	7	13. Slope Pavement	11	
14. Fencing	8	14. Drainage Gutters	11	
				FHWA Ratings
				58. Overall Deck Rating 8
				59. Overall Superstructure Rating 9
				60. Overall Substructure Rating 7
				61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

DECK

1: Hvy sand/debris on shoulders.

3: Freq. minor transverse cracks w/ appearance of light moisture or eff.

4: TYP: Trans hlc at rail post locations w/ iso minor efflo.

12: TYP: Hvy sand accum in jt, minor iso plow scrapes at jt armor.

13: SE AND NW CORNERS: Minor collision damages and scrapes at approach guardrail termination.

SUBSTRUCTURE

7: TYP: Minor iso hlc at scattered locations.

HNTB Corporation

BRIDGE

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 5	MILE: 71.11		INSPECTOR(S): SPS AGP
	STR NO.: 6495	Royal River (Southbound)	INSPECTION DATE: 05/19/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	7
4. Curbs	11	4. - Erosion	7
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	7	7. - Columns	11
8. Railing	6	8. - Scour	13
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	6
11. Utilities	11	11. Debris on Seats	7
12. Deck Joints	7	12. Fencing	11
13. Approaches	7	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
			FHWA Ratings
			58. Overall Deck Rating 7
			59. Overall Superstructure Rating 6
			60. Overall Substructure Rating 7
			61. Overall Channel Rating 7
			62. Overall Culvert Rating 11

DECK

3: Few scattered minor trans crks, some w/ eff.

8: E RAIL: Portion of median rail (+/-1 ft) and last rail post is missing at S end (final post appears to have been cut and removed). W RAIL: (4) post at S end torn/bent due to collision dam.

12: Strip seal starting to separate from extrusion in a few areas.

13: N APPR: Several mod cracks. Pvmt along jt w/mod deterioration and mod trans cracks.

SUBSTRUCTURE

10: NW CORNER: Tree growth below west fascia girder at N abut.

SUPERSTRUCTURE

1: N ABUT: Hvy corrosion at fascia brgs and at gdrs E2 & E3 w/hvy laminated rust btw sole & masonry plates. S ABUT: Sim condition to N ABUT at fascia girders.

2: N ABUT: E fascia girder w/ mod/hvy corrosion to top of bot flg w/ localized pitting up to 3/16". Also, up to 3/8" loss to bottom 3" of exterior face of web at N abut. Interior girders w/ minor/mod surface rust at bot flanges. Minor corrosion of all girder and diaphragm ends, mod at E1 and E2. FASCIA GIRDERS: Rust delam & mod section loss to exterior side of bot flg at midspan, heaviest at E girder.

4: TYP: Mod peeling/flaking paint at bottom flanges; severe paint loss at fascia girder exterior surfaces.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 71.6	Bald Hill Road Overpass (Northbound)	INSPECTOR(S): KEB BRG		
	STR NO.: 0298		INSPECTION DATE: 02/19/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	9	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	7
4. Curbs	8	4. - Erosion	6	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8	FHWA Ratings	
7. Parapet	11	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing	6	59. Overall Superstructure Rating	7
13. Approaches	8	13. Slope Pavement	11	60. Overall Substructure Rating	7
14. Fencing	8	14. Drainage Gutters	9	61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

Bridge Rehabilitated in 2015.

DECK

3: Isolated areas of full depth deck repairs.

12: TYP: Backer rod has filled in several areas.

SUBSTRUCTURE

3: N ABUT: Occasional hlc's w/ st.

4: S ABUT: Mod erosion on E side.

11: Bituminous material throughout.

14: Timber drainage trough in place.

SUPERSTRUCTURE

1: N ABUT: Fascia bearings shimmed and painted. Moderate corrosion to fill plates beneath masonry plates and anchor bolts/nuts. Masonry plates mod rust. S ABUT: Areas of mod corrosion on fascia bearing rockers. Keeper plate welds beginning to crack at fascia bearings. W2 w/ moderate abrasion dust.

3: E FASCIA GIRD: Minor sweep over EB lane.

4: TYP: Minor erosion along bottom flange. W FASCIA GRD: Minor corrosion W side of girder.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 71.61	Bald Hill Road Overpass (Southbound)			INSPECTOR(S): KEB BRG
	STR NO.: 1491				INSPECTION DATE: 02/19/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	9	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	9	4. - Erosion	7	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	11	7. - Columns	8		
8. Railing	9	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	9	12. Fencing	7		
13. Approaches	9	13. Slope Pavement	11		
14. Fencing	7	14. Drainage Gutters	9		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

Bridge Rehabilitated in 2015.

SUPERSTRUCTURE

1: TYP: Minor to moderate corrosion at abutments w/ some locations of mod laminated rust at bottom of rocker. Pack rust is jacking rockers in some locations. N ABUT: W2 bearing w/ moderate abrasion dust, slight forward tilt relative to others and pumping under heavy live load. Fascia brgs shimmed and painted. Abrasion dust and inconsistent tilt. S ABUT: E1 w/ E pintal exposed.

2: FASCIA GIRDS: Numerous areas of mod rust, mostly at areas of paint deterioration on bot flange and at the abutments.

4: TYP: Scattered infrequent areas of peeling paint, primarily at exterior fascias.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 72.9	Foster Brook (3-72" RCP)		INSPECTOR(S): SPS AGP
	STR NO.: 0312			INSPECTION DATE: 05/19/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	7	4. Paint 11
5. Median	11	5. - Settlement	6	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	7	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 4
				62. Overall Culvert Rating 6

Three cell circular culvert - 6' Diam.

SUBSTRUCTURE

1: E HEADWALL: Minor spall and 1/8" cracks over center barrel at barrel interface with headwall.

5: Headwalls are rotating outward causing gap in culvert jts. Apparent sag in vertical profile of barrels.

8: Culvert was approx 1/3 full of water at time of inspection. W SIDE: Channnel bottom between N & Center barrel scour aprox 1.5 ft.

61: E SIDE: Mod erosion of downstream embankment on N side. Hvy silt deposits in front of center and south barrels. Hvy erosion of river bed in front of center barrel W SIDE: Mod erosion of embankment on N side. Hvy silt and debris aggregation in front of S and center barrel, completely blocking flow to S barrel. Additional accumulation of silt inside S barrel at W end completely blocks flow, and similar condition exists in north half of center barrel blocking half of the flow.

62: ALL BARRELS: Minor misalignment of barrel sections at ends - up to 3" separation. Interior sections generally exhibit minor misalignment and moisture at jts. Pipe segments #2-7 are tied together with wire rope; the rope at the W end of the N barrel is severed. Corrugated steel lined sections typ exhibit mod rust.

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Inspection Field Report

HNTB Corporation

SECTION 5		MILE: 74	Poland Spring Road / Rte. 122 Underpass		INSPECTOR(S): SPS AGP
		STR NO.: 0079			INSPECTION DATE: 05/20/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	6	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	6	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	6		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	6		
				FHWA Ratings	
				58. Overall Deck Rating	6
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: Spans E2 & E3 w/ areas of 1.5"W delam in bay S2 along cj. Span W3 w/ 14" dia x 2.5"D spall w/ exp reinf in bay S3 over NB passing lane. Span W2 bays S2 & S3 patched throughout. BOTH FASCIAS: Longitudinal crack w/ moist mid height of deck thickness throughout. TYP: Occasional weep drain w/ cracked conc w/ moist surrounding, some patched.

8: BOTH RAILS: Top rail is not protected by endpost (vehicle collision hazard). 90% of rail posts have 1/4" deep gouges on edge facing traffic btw lower and middle rail. Middle rail has minor scrapes throughout. Missing end caps on middle rail at W end. N RAIL: East most 10' of rail is bent/damaged. 3 consecutive posts over hwy median torn/bent up to 1.5". Middle rail between posts W7 and W13 is torn at multiple locations along underside of rail. S RAIL: Middle rail between post E1 and E3 is torn at multiple locations up to 2' L. Post E1 has collision damage and is bent up to 1.5".

12: W JOINT: The joint seal is pulling away from the joint armor and starting to slip down in areas.

13: BOTH APPR: Frequent mod cracks. NW ENDPOST: Minor spall due to collision damage.

SUBSTRUCTURE

2: BOTH ABUT: Hvy rust staining throughout. E ABUT: 5"H delam along jt armor throughout. Minor spall at base adj to gird S1. W ABUT: 2'L x 10"H x 4"D spall w/ exp reinf. undermining jt armor near gird N1. Minor spall at S end.

3: E BREASTWALL: Minor vert crks in bay S1. Minor horiz crks under gird S3 w/ mod st and 3'L x up to 10"H delam. S2 pedestal w/ minor vert crks at anchor bolts.

4: E1 PIER: Mod sinkhole adj W side of ftg +/- 3' wide x 1.5' deep. E2 PIER: Mod sinkhole adj E side of ftg +/- 5' wide x up to 2' deep.

7: Shaft faces adj to roadway patched lower half. Patches have hairline mc throughout w/ minor areas of delam.

12: NW fence down. SW damaged.

14: W ABUT: Timber gutter w/ wide gaps btw planks and at top of down slope gutter.

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust to anchor bolts and plate washers, light/mod abrasion dust. W ABUT: Brg N3 w/ missing keeper plate on S side. Brg S1 w/ one missing anchor bolt and N keeper pl. Brg N2 has excessive tilt to E relative to other brg's. E ABUT: Keeper plates missing on S side and sole pls shifted up to 3/4" N. ALL PIERS: Light rust.

2: ALL GIRDS: Mod/hvy corrosion w/ apparent minor/mod losses over travel lanes and at ends of girders w/ iso areas of minor losses to bot flg and bot of web. Brg stiffeners at abut w/ minor losses at bot of flng, heaviest at fascias.

4: Up to 100% loss of paint to the bottom flange and 50% to lower half of the webs over roadway. Scattered losses elsewhere.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 74.5	St. Lawrence & Atlantic RR Overpass (Northbound)	INSPECTOR(S): SPS AGP
	STR NO.: 0080		INSPECTION DATE: 05/19/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	7
4. Curbs	7	4. - Erosion	7
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	8
7. Parapet	11	7. - Columns	8
8. Railing	7	8. - Scour	11
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	7
12. Deck Joints	7	12. Fencing	7
13. Approaches	6	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
			FHWA Ratings
			58. Overall Deck Rating 7
			59. Overall Superstructure Rating 7
			60. Overall Substructure Rating 7
			61. Overall Channel Rating 11
			62. Overall Culvert Rating 11

DECK

3: BOTH ABUT: Numerous hlcs, rust stains and minor incipient spalls along jts. ALL BAYS: Trans crks w/ eff, staining and scaling at haunches. SPAN S1: 6" dia delam area at weephole at gird E1.

8: BOTH RAILS: Missing end caps at north end. Minor plow scrapes throughout.

12: BOTH JOINTS: Minor plow damage.

13: BOTH APPR: Rough transition onto and from bridge. Minor to moderate rutting of appr pavement, transversely depressed over the backwall.

SUBSTRUCTURE

1: NE WW: Vert hlcs at SE corner w/staining. NW WW: Minor spalls at south end.

2: BOTH ABUT: Rust staining from deck jt. N ABUT: Minor spall at gird E1.

3: N ABUT: Top of seat scaled near E end.

11: BOTH ABUT: Minor debris accum.

SUPERSTRUCTURE

2: ALL GIRDERS: Moderate to heavy corrosion w/ up to approx 75% section loss at bottom flanges at abutments. Fascia girders mod to heavy corrosion at top of bottom flange and lower web full length with minor to mod losses. Gird E1 w/ small areas of 100% section loss in web N and S abut. GIRDERS W2 AND W3: Light corrosion at bottom flanges and lower webs over railroad.

4: ALL GIRDERS: Minor to severe peeling paint on bot flanges & lower webs.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 74.51	St. Lawrence & Atlantic RR Overpass (Southbound)	INSPECTOR(S): SPS AGP
	STR NO.: 1492		INSPECTION DATE: 05/19/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	11	7. - Columns	8		
8. Railing	7	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	6	12. Fencing	6		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: 10" dia x 1.5"D pothole at dwl near pier N1.
- 3: ALL BAYS: Isolated trans crks w/ eff.
- 8: BOTH RAILS: Minor plow scrapes throughout.
- 12: BOTH JTs: Jt armor w/ minor plow damage. N JT: Seal in travel lane dislodged, set even w/ jt armor and mod deter.
- 13: Endposts w/ minor scrapes and spalls due to plow damage. N APPR: Isolated minor crks.

SUBSTRUCTURE

- 1: NE WW: Repairs w/ map hlcs w/ moist.
- 2: BOTH ABUT: Rust staining from deck jt.
- 3: N ABUT: Minor horiz crks w/ rust staining at corners near girders. Seat w/ minor spalls behind gird E2. E face w/ hairline vert crks w/ moist.
- 12: NW: Top damaged. SW: Sagging, gap at ww.

SUPERSTRUCTURE

- 2: BOTH ABUT: Mod corrosion to gird ends & bot of stiffeners w/ minor section loss. 1/8" web loss x lower 2" adj to brg stiffeners of most girds. GIRD E1: Mod rust of flanges and lower half of web throughout.
- 4: Failed paint system for fascia gird bot flgs & lower webs throughout, gird ends at abuts and end diaphs.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 75	Kittyhawk Avenue Underpass			INSPECTOR(S): SPS AGP	
	STR NO.: 1275				INSPECTION DATE: 05/20/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	7	4.	- Erosion	7	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	11	7.	- Columns	7		
8. Railing	7	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	7	12. Fencing		11		
13. Approaches	7	13. Slope Pavement		7		
14. Fencing	11	14. Drainage Gutters		11		
						FHWA Ratings
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Weep drain tubes missing in nearly all locations with map cracking, eff and staining of girder haunch.

4: BOTH CURBS: Top of curb and fascia w/ map cracking and moisture throughout. Frequent vert hlc w/eff on both fascias.

8: BOTH RAILING: Iso minor scrapes to guardrail and posts. S RAIL: Minor to mod gouging to post E10 to E12.

13: TYP: Granite approach curbs displaced. Endposts w/ map cracking. Minor separation of WS along backwall with minor trans cracking.

SUBSTRUCTURE

3: W ABUT: Minor hlc w/ light moisture blw girders S1 & S2.

13: W ABUT: Minor/moderate veg growth through jts.

SUPERSTRUCTURE

1: E ABUT: Mod corrosion of fascia bearings, plate washers corroded. W ABUT: Light to mod corrosion around fascia side anchor bolts.

2: ALL GIRDERS: Isolated areas of minor corrosion at bottom flanges and lower webs concentrated over roadway and at abutments.

4: ALL GIRDERS: Isolated areas of minor peeling paint on bottom flanges and lower webs concentrated over roadway and at abutments.

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SECTION 5	MILE: 75.3	Auburn Interchange (Northbound)			INSPECTOR(S):	SPS AGP
	STR NO.: 0081				INSPECTION DATE: 05/20/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	6	2. Steel Work	7
3. Condition Below	7	3.	- Seat	5	3. Collision Damage	6
4. Curbs	11	4.	- Erosion	11	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	11		
7. Parapet	7	7.	- Columns	11		
8. Railing	7	8.	- Scour	11		
9. Drains	11	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		6		
11. Utilities	7	11. Debris on Seats		7		
12. Deck Joints	11	12. Fencing		11		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	5
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: Mod wear w/ occasional long and trans crks, most sealed. WS spall 1' W by 1' L by 1" D at S backwall travel lane, exposing concrete deck below.

7: BOTH FASCIAS: Numerous locations of moist & eff at base of paraffin joints.

13: BOTH APPR: Pavement breaking up but sealed over backwall full width. Occasional transverse and long cracks in pavement mostly sealed. Minor endpost collision damage/scrapes. S APPR: Minor rutting in right NB lane.

SUBSTRUCTURE

1: BOTH WW: Several patches, horiz crks w/ moisture and/or staining. NE WW: Minor to mod map crks w/ eff and minor spalls w/ rs at jt w/ abut. SE WW: Minor spalls and moisture seepage at WW exp jt.

2: S ABUT: Large spall at E end w/exposed reinf (continuation of spall from bridge seat). Mod spall at W end w/exposed reinf.

3: BOTH ABUT: Occasional minor spalls. Delaminations present at 80% of the lower 6' of breastwall. N ABUT: Vert crk w/ staining and moisture at E corner. S ABUT: Top and front of seat w/ 12' H x 2' W x 1' D corner spall w/exp fully debonded and corroded reinf w/ punky concrete at E end. Spall is beginning to undermine brg. Area below E corner large spall 6' H by 2' W with hvy efflo.

10: BOTH CLOSURE WALLS: Minor crks w/ moisture. N CLOSURE WALL: Mod spall w/exposed reinf and delamination at W end. S CLOSURE WALL: Isolated areas of delamination.

SUPERSTRUCTURE

3: Gird W1 bot flg w/ approx 1" sweep W & slight rotation.

4: Iso failures at collision scrapes on bottom flanges, typ throughout.

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 5	MILE: 75.31	Auburn Interchange (Southbound)		INSPECTOR(S): SPS AGP
	STR NO.: 6496			INSPECTION DATE: 05/20/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices 7
2. Condition Above	13	2. - Backwall	6	2. Steel Work 7
3. Condition Below	7	3. - Seat	6	3. Collision Damage 11
4. Curbs	11	4. - Erosion	8	4. Paint 7
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	7	7. - Columns	11	
8. Railing	7	8. - Scour	11	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	7	58. Overall Deck Rating 7
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 7
13. Approaches	6	13. Slope Pavement	11	60. Overall Substructure Rating 6
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

For median closure wall notes, see NB inspection report.

DECK

1: Mod wear with occasional long and trans crks, most sealed. EXIT LANE: Isolated minor long crks and spalls up tp 1'W along S. jt exposing deck below. BOTH SHLD: 6"W delamination along gutterline. Minor spalls in passing lanes along N jt.
3: Apparent leakage thru south jt at W end as seen from below, salt and moisture staining.
7: BOTH FASCIAS: Areas of moisture and eff at base of vert paraffin joints. BOTH RDWY SIDES: Minor vert crks w/ moisture and plow scrapes.
13: BOTH APPR: Pvmt trans crkd and sealed at jt over bkwl. Sealed crks throughout. Endposts w/ minor/mod spalls due to collision damage. Guardrail transition at NW & SW endpost is W-rail, thrie rail at NE endpost. N APPR: Minor settlement in exit lane. S APPR: Minor long crks in exit lane.

SUBSTRUCTURE

1: BOTH WW: Minor horiz and vert crks w/ mod eff, moisture and st adj to cj. NW WW: Hairline mc w/ moist throughout. SW WW: Localized horiz area of rust st. Occasional minor popouts.
2: N ABUT: Mod scaling. Moderate spall at east end along joint at closure wall. S ABUT: Several small spalls at W end. Hvy scaling at gird W1.
3: BOTH BREASTWALLS: Occasional minor vert crks w/ moisture. Pilaster wall w/ frequent minor map/horiz cracks, moisture and light eff - more frequent at NW side. N ABUT: Seepage at grade line at E End. Minor mc w/ moist at W end. 4'L x 2'H delam at W end. Minor delamination at base in bay W3. 3.5'L x 1.5'H delam under gird W4. S ABUT: 4'L x 2'H delam w/ minor spalling in the centerline of wall. Pilaster w/ several minor spalls.

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Inspection Field Report

HNTB Corporation

SECTION 5		MILE: 75.6	Washington Street & MCRR Overpass (Northbound)		INSPECTOR(S): SPS AGP
		STR NO.: 0082			INSPECTION DATE: 05/20/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	8	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	8		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	8		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	11		
13. Approaches	8	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	8		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	8
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: Extensive minor trans crks w/ eff in spans N1-N3 bays/overhangs. W OVERHANG: Frequent transverse hlcs w/ eff in spans S1 - S3.

7: Frequent full height vert hlcs w/moisture on both faces and light efflo.

8: E RAIL: (5) consecutive rail posts bent/torn over pier S4.

SUBSTRUCTURE

2: S ABUT: Scattered vert hlcs w/moist.

3: BOTH BREASTWALLS: Infrequent areas of rust staining.

4: N ABUT: Minor erosion below girder E2.

SUPERSTRUCTURE

2: TYP: Frequent small areas of minor rust at areas of peeled paint. S ABUT: Mod corrosion at beams W2, W3 and W4 beyond brg.

4: Frequent small areas of peeled/flaking paint on original girders, particularly ends at abut.

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HNTB Corporation

SECTION 5	MILE: 75.61	Washington Street & MCRR Overpass (Southbound)	INSPECTOR(S): SPS AGP
	STR NO.: 1493		INSPECTION DATE: 05/20/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	8	1. Abutments - Wings	8
2. Condition Above	13	2. - Backwall	8
3. Condition Below	7	3. - Seat	7
4. Curbs	11	4. - Erosion	11
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	7	7. - Columns	7
8. Railing	7	8. - Scour	11
9. Drains	8	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	8
12. Deck Joints	8	12. Fencing	11
13. Approaches	7	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	8
			FHWA Ratings
			58. Overall Deck Rating 7
			59. Overall Superstructure Rating 7
			60. Overall Substructure Rating 7
			61. Overall Channel Rating 11
			62. Overall Culvert Rating 11

DECK

3: ALL BAYS: Extensive minor trans crks w/ eff in spans N1-N3. BOTH OVERHANGS: Iso minor trans crks w/ eff, particularly adj to scupper downspouts. BOTH FASCIAS: Numerous vert hlcs w/ moist.

7: BOTH PARA: Numerous minor full perimeter crks w/ moist throughout. W PARA: Numerous sealed mod full perimeter crks in span S2.

8: W RAIL: (4) consecutive rail posts bent/torn over pier N4.

12: BOTH JTs: Filled w/ sand in shlds.

13: Endposts w/ scattered minor full perimeter crks w/ moist. S APPR: Minor settlement along jt w/ 6"diam x 1.5"D wearing surface spall in travel lane.

SUBSTRUCTURE

3: S ABUT: Numerous areas of minor st. Minor spall under gird E2. Seat w/ minor trans crks at E end.

6: ALL PIERS: Cantilevers w/ isolated minor vert crks, some w/ light eff.

7: ALL PIERS: Scattered minor horiz crks w/ moist on all faces.

SUPERSTRUCTURE

2: BOTH ABUT: Most girders not centered over brg, set slightly to S. Most brg stiffeners not centered over brg. Original grds w/ mod corrosion to web and minor loss to lower 2", particularly beyond brg stiffener.

4: Frequent small areas of peeled/flaking paint on original girders, particularly ends at abut.

HNTB Corporation

BRIDGE

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 76.9	Hackett Road Underpass			INSPECTOR(S):	BRD AGP
	STR NO.: 0084				INSPECTION DATE: 06/14/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	6	
2. Condition Above	13	2. - Backwall	5	2. Steel Work	7	
3. Condition Below	7	3. - Seat	7	3. Collision Damage	6	
4. Curbs	6	4. - Erosion	7	4. Paint	6	
5. Median	11	5. - Settlement	11	5. Misc.	11	
6. Sidewalk	11	6. Piers - Caps	8			
7. Parapet	11	7. - Columns	6			
8. Railing	6	8. - Scour	11			
9. Drains	8	9. - Settlement	11			
10. Lighting Standard	11	10. Misc	11			
11. Utilities	7	11. Debris on Seats	7			
12. Deck Joints	6	12. Fencing	6			
13. Approaches	6	13. Slope Pavement	11			
14. Fencing	11	14. Drainage Gutters	6			
				FHWA Ratings		
				58. Overall Deck Rating	7	
				59. Overall Superstructure Rating	7	
				60. Overall Substructure Rating	6	
				61. Overall Channel Rating	11	
				62. Overall Culvert Rating	11	

DECK

1: Minor map cracking in travel lanes. Up to 12"W delam along jts and around scuppers (spray painted for repair). Pavement wedge delaminated throughout. 10" dia delam in EB in span E2 (spray painted for repair). Moderate sand accumulation in shlds. W JT: Membrane exposed at the SW corner.

3: BOTH OVERHANGS: Occasional minor trans crk w/eff. BOTH FASCIAS: Occasional map crkg w/moist.

4: BOTH CURBS: Top of conc curb minor long cracks w/ moisture throughout.

8: BOTH RAILS: Minor plow scrapes throughout. N RAIL: Mod collision damage btwn posts E7-E9, underside of top rail is torn up to 16"L x 2"W at rail post & rail posts w/ 1/2" flg bends.

11: Conduit for maximum speed signs.

12: BOTH JTS: Filled w/ sand. Seal appears dislodged in scattered locations. It armor w/ minor plow gouges.

13: BOTH APPR: Mod cracking along backwall w/ isolated 12" W delam/break-up. Mod long and trans pvmt cracks in travel lanes. Endposts w/ minor map/vert crks w/ eff & moisture and minor plow damage. W APPR: Mod mc beyond repaired pvmt.

SUBSTRUCTURE

2: E ABUT: Isolated vert hlcs w/ moist. 1/2"D scaling in bay S1. W ABUT: 2'-8"L x 8"H x 1"D spall w/ exposed reinf in bay S1. 8'L x up to 16"H x 2.5"D spall/delam w/ exposed reinf in bay N1.

3: W ABUT: Seat repair in bay S1 w/ 20"L x 9"W delam.

7: E SHAFT: W face w/ 2'L x lower 2'-2" delam at N end & 4'L x up to lower 3.5' delam w/ 1"D spalling at S end. S face w/ up to fw x up to lower 4.5' delam. MEDIAN SHAFT: E face w/ 20"L x lower 5' delam at N end & 2'-3"L x lower 5.5' delam at S end. W face w/ 5'L x 5'H delam at N end & up to 2.5'L x up to lower 6' delam around repair at S end. W SHAFT: E face w/ 4'L x up to lower 3' delam at S end.

12: NE WW: Wire fence down. NW WW: Wire fence damaged.

14: E ABUT: Abandoned gutter heavily deteriorated. Downspout half bit & rip rap. W ABUT: Mod sand accum in trough.

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust, particularly fascia brgs. Minor rust accumulation at rocker base. Contracted at 70 degrees, brgs N2 and S2 most severe w/ 1.25" contracted. E ABUT: Brg S1 w/ mod impacted rust btwn rocker and masonry pl. Brg N2 S keeper plate missing & sole pl shifted 1/2" to N.

2: Light to moderate corrosion to gird bottom flanges and lower portion of webs over SB rdwy.

3: SPAN W2: Collision damage to all girders over SB right lane repaired. Isolated minor scrapes & cor gouges in bot flg remain.

4: Failed paint system along gird bottom flanges and lower portion of webs over SB rdwy.

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SECTION 5		MILE: 77.6	South Main Street Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0085			INSPECTION DATE: 06/14/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	7	2. Steel Work	8
3. Condition Below	8	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	8
				59. Overall Superstructure Rating	8
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: EB: Isolated minor long crks. Up to 1'L x 2'W x up to 1"D & 4"L x 8"W x up to 1"D potholes along E deck jt partially filled w/ liquid asphalt. WB: 4"L x 3'W x up to 1"D pothole along W deck jt partially filled w/ liquid asphalt.

3: BOTH OVERHANGS: Occasional minor trans crk with eff and stalactites, concentrated near piers & abuts.

7: BOTH PARA: Minor scaling throughout. Scattered full perimeter hlcs w/ moist, particularly S para.

8: BOTH RAILINGS: Minor plows scrapes throughout. S RAILING: Scattered rail posts w/ minor plow gouge/bend of flg.

12: E JT: E jt armor w/ minor plow gouges in WB. W JT: W jt armor w/ 1.5"W x 1/2"D plow gouges in EB.

13: BOTH APPR: Approx 1" settlement along backwall. Endposts w/ isolated vert hlcs w/ moist & minor plow spalls. W APPR: Minor rutting.

SUBSTRUCTURE

2: BOTH ABUT: Numerous vert hlcs, some w/ light eff.

3: BOTH ABUT: Scattered vert hlcs, most extend across seat.

6: ALL CAPS: Numerous vert hlcs in upper portion, some w/ moist.

7: E SHAFT: W face w/ map hlc w/ moist throughout lower half. CENTER SHAFT: Map hlc of repair on W face. W SHAFT: 21"L x 8"H delam adj to repair of E face at N end.

12: Gap between the end fence post and WW at NE & SW corners.

SUPERSTRUCTURE

4: Weathering steel, girder ends at abuts painted.

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SECTION 5		MILE: 78.9 STR NO.: 0086	Androscoggin River (Northbound)		INSPECTOR(S): INSPECTION DATE: 06/14/2016	BRD AGP
DECK			SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8		1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13		2. - Backwall	6	2. Steel Work	5
3. Condition Below	7		3. - Seat	7	3. Collision Damage	11
4. Curbs	11		4. - Erosion	7	4. Paint	5
5. Median	11		5. - Settlement	11	5. Misc.	6
6. Sidewalk	11		6. Piers - Caps	5		
7. Parapet	6		7. - Columns	5		
8. Railing	7		8. - Scour	13		
9. Drains	6		9. - Settlement	11		
10. Lighting Standard	11		10. Misc	11		
11. Utilities	11		11. Debris on Seats	7		
12. Deck Joints	6		12. Fencing	5		
13. Approaches	6		13. Slope Pavement	11		
14. Fencing	11		14. Drainage Gutters	7		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	5
					60. Overall Substructure Rating	5
					61. Overall Channel Rating	7
					62. Overall Culvert Rating	11

Underside comments based on ground level observations & 2015 Routine & Fracture Critical Inspection w/ snooper. Refer to latest Fracture Critical, Routine and Underwater Inspection Reports for additional comments. The girds are numbered G1 to G3 from E to W. The floorbeams are numbered 1 to 40 from S to N. The stringers are numbered 1 to 6 from E to W.

DECK

3: ALL BAYS: Scattered minor trans crks w/ minor eff throughout, concentrated at midspan & near piers. BOTH OVERHANGS: Scattered minor trans crks w/ minor eff & stalactites throughout, concentrated at midspan & near piers. Moist and/or minor eff at long jt btwn deck & para.
7: BOTH PARA: Slip formed. Numerous minor vert crks w/ minor eff and/or moist on both faces. Scattered minor long crks w/ minor eff and/or moist on both faces. Scattered areas of full height x to 1/4"D scaling of rdwy face. W PARA: 2'L x 5"W x 1.5"D spall of top at S 1/3 point of span S2. Minor spall of top at midspan of span S3. E PARA: E face at S 1/4 point of span S5 w/ 3'L x up to 7"H delam.
8: BOTH RAILINGS: Minor plow scrapes throughout.
9: Hvy debris accumulation on scupper pans & 50% clogged grates, downspouts open. NW scupper grate of span N1 w/ one bent bar.
12: BOTH ABUT: Modular expansion jt. Filled w/ sand. Numerous jt guidance assembly angles at bkwl & deck are bent, scattered have failed. N JT: Center extrusion is fractured at midspan & shifted 1/2" S.
13: BOTH APPR: Up to 1/4"W long & trans pvmt crks, some w/ failed crack sealant. Minor rutting. Endposts w/ minor mc w/ moist & minor spalls due to plow damage. Guardrails w/ minor collision/plow scrapes & areas of minor surface rust.

SUBSTRUCTURE

1: ALL WWs: Vertical expansion joint sealant missing. SE WW: N face w/ 1/26"W vert crk w/ hvy rust staining.
2: BOTH ABUT: Extensive conc repairs. 75% of the tar emulsion waterproofing missing, remaining heavily deteriorated, cracked & flaking. Top at rdwy level w/ numerous trans hlcs. S ABUT: 2 areas of delam extending up to 2'L x 2.25'H. N ABUT: 2'L x 2'-2"H delam near gird G1.
3: BOTH ABUT: Scattered conc repairs. 75% of the tar emulsion waterproofing missing, remaining heavily deteriorated, cracked & flaking.
4: S1 PIER: Minor erosion from rdwy.
6: ALL CAPS: Scattered conc repairs, some w/ vert/map hlcs w/ moist. Isolated fh 1/16"W vert crks, some w/ minor eff. Numerous mod delam, particularly adj to previous repairs & btwn SB & NB. Scattered mod spalls w/ exposed reinf. S3 CAP: 1/8"W vert crk in E face.
7: ALL SHAFTS: Scattered conc repairs, some w/ vert/map hlcs w/ moist. Isolated fh 1/16"W vert crks. Scattered mod delam, particularly adj to previous repairs & btwn SB & NB. Isolated large areas of delam. Isolated mod spalls w/ exposed reinf. ALL RIVER SHAFTS: 1/4"D abrasion at waterline.
8: Refer to latest Underwater Inspection Report.

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	STR NO.: 0086		INSPECTION DATE: 06/14/2016

12: NE wire fence down.

SUPERSTRUCTURE

1: ALL ROCKERS: Areas of mod rust. Mod/hvy rust accumulation at rocker bases. Minor/mod abrasion dust. Lower pin at steel keeper pls w/ mod section loss & impacted rust potentially inhibiting proper movement. BOTH ABUT: Up to 30% loss of anchor bolt nuts. N ABUT & PIER N1: Contracted (tilted to the south) up to 2" at the time of inspection. N ABUT: Gird G1 brg w/ E upper pin head sheared off.

2: STRINGERS: Abrasion dust at scattered stringer to floorbeam conns. Original curblines stringers (E2 & E6) w/ up to 1/4" bot flg loss x fw adj to numerous floorbeam cantilevers. Up to 1/4" web loss x 2"H above and/or below the removed diaphs. END FLOORBEAMS: Mod rust of bot flg & lower web on deck jt side. Mod bot flg section loss of floorbeam at midspan. ORIGINAL BUILT-UP GIRDS: Up to 3/4" impacted rust btwn bot flg angle & cover pl in single cover pl regions & up to 1 5/16" impacted rust btwn bot flg cover pls in double cover pl regions, yields 3/16" average loss x up to 4.5"W.

4: Stringer E6 and girder E2 w/a failed paint system on the bottom flanges and isolated areas of the web. Failed paint system on exterior face of girder E3 throughout & the jt side of the end floorbeams.

5: N end catwalk gate missing. External steel post tensioning. Numerous anchor blocks have displaced and/or torn post tensioning sleeves.

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SECTION 5	MILE: 78.91	Androscoggin River (Southbound)			INSPECTOR(S):	BRD AGP
	STR NO.: 1494				INSPECTION DATE: 06/14/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	7	1. Bearing Devices	5
2. Condition Above	13	2.	- Backwall	6	2. Steel Work	5
3. Condition Below	7	3.	- Seat	6	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	4	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	7
6. Sidewalk	11	6. Piers	- Caps	5		
7. Parapet	6	7.	- Columns	5		
8. Railing	6	8.	- Scour	13		
9. Drains	6	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		6		
12. Deck Joints	6	12. Fencing		7		
13. Approaches	6	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		7		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	5
					60. Overall Substructure Rating	5
					61. Overall Channel Rating	7
					62. Overall Culvert Rating	11

Underside comments based on ground level observations & 2015 Routine & Fracture Critical Inspection w/ snooper. Refer to latest Fracture Critical, Routine and Underwater Inspection Reports for additional comments. The girds are numbered G1 to G3 from W to E. The floorbeams are numbered 1 to 40 from S to N. The stringers are numbered 1 to 6 from W to E.

DECK

3: ALL BAYS: Scattered minor trans crks w/ minor eff throughout, concentrated at midspan & near piers. BOTH OVERHANGS: Scattered minor trans crks w/ minor eff & stalactites throughout, concentrated at midspan & near piers. Moist and/or minor eff at long jt btwn deck & para.

7: BOTH PARA: Slip formed. Numerous minor vert crks w/ minor eff and/or moist on both faces. Scattered minor long crks w/ minor eff and/or moist on both faces. W PARA: Top at N 1/4 point of span S3 w/ 2 - 12"L x 3"H x 1.5"D spalls exposing a rail post anchor bolt.

8: BOTH RAILINGS: Minor plow scrapes throughout. W RAILING: 2 rail posts at N 1/4 point of span S3 w/ exposed anchor bolt due to para spalling and minor tearing to rail btwn these 2 posts.

9: Hvy debris accumulation on scupper pans & 50% clogged grates, downspouts open. NW scupper grate of span S2 w/ one bent bar.

12: BOTH ABUT: Modular expansion jt. Filled w/ sand. Numerous jt guidance assembly angles at bkwl & deck are bent, scattered have failed.

13: BOTH APPR: Up to 1/4"W long & trans pvmt crks, some w/ failed crack sealant. Endposts w/ minor mc w/ moist & minor spalls due to plow damage. Guardrails w/ minor collision/plow scrapes & areas of minor surface rust. N APPR: E endpost w/ failed jt sealant.

SUBSTRUCTURE

1: ALL WWs: Vertical expansion joint sealant missing.

2: BOTH ABUT: Scattered conc repairs. 50% of the tar emulsion waterproofing missing, remaining heavily deteriorated, cracked & flaking. S ABUT: Vert crk w/ eff near gird E1. Minor spalls near S Closure Wall. Up to 3'-5"L x up to 5'-8"H delam btwn girders G1 and G2. 12"L x 2'-6"H delam area near gird G2. Up to 3'-10"L x up to 6'H delam btwn girders G2 and G3. N ABUT: 1/16"W vert crk x most of ht w/ scattered up to 17"L x 2'H delams btwn girds G1 & G2. 17"L x 17"H delam near gird G3.

3: BOTH ABUT: Scattered conc repairs. 50% of the tar emulsion waterproofing missing, remaining heavily deteriorated, cracked & flaking. N ABUT: 3'-8"L x 2'H delam w/ a 1.5"D spalling and 7"L x 20"H x 4.5"W cor spall w/ exposed reinf at SE cor near the ground level. 4.5'L x 15"H delam of repair on S face near girder G1. 1/16"W x 8'H vert crk w/ mod rust staining near gird G1.

4: SW embankment w/ 20'L x 20'L x 3'D erosion/slope failure w/ exp geotech fabric, washing soil into rdwy below. SPAN S2: 13'W x 3'-6"D erosion leading to river.

6: ALL CAPS: Scattered conc repairs, some w/ vert/map hlcs w/ moist. Isolated fh 1/16"W vert crks, some w/ minor eff. Scattered mod delam, particularly adj to previous repairs & btwn SB & NB. Isolated large areas of delam. Isolated mod spalls w/ exposed reinf.

7: ALL SHAFTS: Scattered conc repairs, some w/ vert/map hlcs w/ moist. Isolated fh 1/16"W vert crks. Scattered mod delam, particularly adj to previous repairs & btwn SB & NB. Isolated large areas of

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	STR NO.: 1494		INSPECTION DATE: 06/14/2016

delam. ALL RIVER SHAFTS: 1/4"D abrasion at waterline.

8: Refer to latest Underwater Inspection Report.

11: BOTH ABUT: Mod debris accumulation. N ABUT: 14"H bit and sand accumulation around gird G3 brg.

14: N ABUT: Gutter joint sealant failed. Leaking joint between sections beneath centerline of bridge.

SUPERSTRUCTURE

1: ALL ROCKERS: Areas of mod rust. Mod rust accumulation at rocker bases. Minor/mod abrasion dust. Lower pin at steel keeper pls w/ mod section loss & impacted rust potentially inhibiting proper movement. Up to 50% loss of anchor bolt nuts at abut & 30% loss at piers. S ABUT: Gird G2 brg creaking under heavy LL. N ABUT & PIER N1: Contracted (tilted to the south) up to 1 7/8" at the time of inspection.

2: STRINGERS: Abrasion dust at scattered stringer to floorbeam conns. Original curbline stringers (W2 & W6) w/ up to 1/4" bot flg loss x fw adj to numerous floorbeam cantilevers. Up to 3/16" web loss x 1 3/4"H above and/or below the removed diaphs. END FLOORBEAMS: Mod rust of bot flg & lower web on deck jt side. Mod bot flg section loss of floorbeam at S abut. ORIGINAL BUILT-UP GIRDS: Up to 3/4" impacted rust btwn bot flg angle & cover pl in single cover pl regions & up to 1 1/8" impacted rust btwn bot flg cover pls in double cover pl regions, yields 1/8" average loss x up to 4"W.

4: Stringer W6 and girder W2 w/a failed paint system on the bottom flanges and isolated areas of the web. Failed paint system on exterior face of girder W3 throughout & the jt side of the end floorbeams.

5: External steel post tensioning. Isolated anchor blocks have displaced and/or torn post tensioning sleeves.

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SECTION 5		MILE: 79.4	River Road Overpass (Northbound)			INSPECTOR(S):	BRD AGP
		STR NO.: 0096				INSPECTION DATE: 06/14/2016	
DECK			SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6		1. Abutments	- Wings	7	1. Bearing Devices	5
2. Condition Above	13		2.	- Backwall	7	2. Steel Work	6
3. Condition Below	7		3.	- Seat	6	3. Collision Damage	6
4. Curbs	11		4.	- Erosion	6	4. Paint	5
5. Median	11		5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11		6. Piers	- Caps	8		
7. Parapet	7		7.	- Columns	7		
8. Railing	7		8.	- Scour	8		
9. Drains	7		9.	- Settlement	11		
10. Lighting Standard	11		10. Misc		11		
11. Utilities	11		11. Debris on Seats		7		
12. Deck Joints	5		12. Fencing		6		
13. Approaches	6		13. Slope Pavement		11		
14. Fencing	11		14. Drainage Gutters		7		
						FHWA Ratings	
						58. Overall Deck Rating	7
						59. Overall Superstructure Rating	6
						60. Overall Substructure Rating	6
						61. Overall Channel Rating	8
						62. Overall Culvert Rating	11

DECK

1: TRAVEL LANE: Numerous minor crks throughout. Minor/moderate rutting. PASSING LANE: Numerous sealed crks throughout including along dwl. Large patches at both jts. Minor rutting at N end.
3: S ABUT: Minor edge of deck spalling along deck jt. BOTH OVERHANGS: Minor vert/horiz crks w/ moist at para vert paraffin jts.
7: BOTH FASCIAS: Numerous minor vert crks w/ eff and moist. BOTH RDWY SIDES: Occasional vert crks some w/ moist and eff. Vert paraffin jts w/ failed sealant throughout.
12: BOTH JOINTS: Seal is not locked into extrusion at various locations causing leaking below. Filled w/ sand.
13: ENDPOSTS: Minor mc and collision damage. N APPR: Mod pvmt break-up along jt. Mod crks in travel lane throughout. Sealed crks in passing lane throughout. S APPR: Trans/long cracks throughout.

SUBSTRUCTURE

1: ALL WWs: Hairline mc throughout.
2: BOTH ABUT: Mod rust staining throughout from jt armor. Occasional minor vert crks some w/ eff. S ABUT: East end horizontally cracked below joint header with moderate eff.
3: BOTH ABUT: Occasional pedestals with minor spalls. Isolated minor horiz crks w/ mod rust staining. S ABUT: Seat w/ mod long crk and up to fw delam in bay E2. N ABUT: 12"L x 15"W x 6"H corner spall at NW corner below weep drain. Breastwall w/ minor delam in bay W1. 16"L x 9"W seat delam in bay W2.
4: S ABUT: Mod erosion undermining drainage gutter.
6: N CAP: Minor collision scrapes on S face.
7: N SHAFT: Hairline mc throughout N & S faces. 6"L x 6"W x 2'-3"H corner spall w/ exp reinf and horiz crk at SW corner. Barrier w/ mod vert crks, minor delamination and spalls.

SUPERSTRUCTURE

1: BOTH ABUT: Debris accumulation btwn rockers and masonry plates. Most keeper plates welds are crkd. Brgs W1-W5 w/ mod abrasion dust and mod/hvy corrosion. S ABUT: Brg W3 almost fully expanded.
2: ORIGINAL GIRDERS & END DIAPHS: Light to mod corrosion and minor section loss at bot of stiffeners and web. ORIGINAL GIRDERS: Occasional areas of minor to mod corrosion (section loss painted over) at top and bottom flange and lower web throughout. S ABUT: Gird W1 w/ 3/16" web loss x lower 1.5" on E face.
3: GIRD E1 OVER RDWY: Collision scrapes to lower web and underside of bot flg. Edge of flg w/ minor gouge. GIRD E2 OVER RDWY: Collision scrapes to underside of bot flg.
4: TYP: Scattered locations of paint failure on edges of top & bot flanges, most severe over roadway.

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SECTION 5	MILE: 79.41	River Road Overpass (Southbound)	INSPECTOR(S):	BRD AGP	
	STR NO.: 1495		INSPECTION DATE: 06/14/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	6	3. Collision Damage	6
4. Curbs	11	4. - Erosion	5	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	7		
8. Railing	7	8. - Scour	8		
9. Drains	6	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	4		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	8
				62. Overall Culvert Rating	11

DECK

- 1: Isolated minor cracking. Scattered sealed cracks. W SHLD: Numerous 1' dia areas of delam/break-up.
3: BOTH ABUT: Minor edge of deck spalling along deck jt. BOTH OVERHANGS: Minor vert/horiz crk w/ moist at para vert paraffin jts.
7: BOTH FASCIAS: Infrequent minor vertical cracks w/ moisture and light eff.
8: W RAILING: 2 rail posts w/ up to 1.5" W bend of flg due to collision damage in span S2.
9: Mod sand accumulation on scupper pans & 50% clogged grates, downspouts are clear.
12: BOTH JTS: Seals are not locked into the extrusion at multiple locations. Filled w/ sand. Jt armor w/ minor plow damage.
13: BOTH APPR: Endposts w/ minor vert crks w/ moisture and eff and minor plow damage. W-beam guardrail transition. Minor pavement deterioration along joint. Scattered minor/moderate cracks.

SUBSTRUCTURE

- 2: BOTH ABUT: Scattered minor vert crks. Mod rust staining.
3: S ABUT: Breastwall w/ scattered minor vert crks w/ minor/mod delamination and rust staining. Seat with occasional area of minor delam. Up to 3.5'L x up to fw x up to 6"D seat spall w/ exp reinf at E End. W2 & W3 pedestals w/ minor cor spalls. N BREASTWALL: Scattered minor horiz crks w/ minor/mod delamination and rust staining. 1.5'L x 2'H delam w/ mod st in bay E3.
4: S ABUT: 5'W x 2'D erosion at W end undermining trough. Minor erosion at middle at corrugated drainage pipe.
7: N SHAFT: Minor collision scrapes on S face. S face w/ 1.5'L x lower 3' delam under girder W3 . S SHAFT: Map hlc throughout on S face.
11: BOTH ABUT: Mod debris accumulation.
14: N ABUT: Gutter abandoned. S ABUT: Concrete gutter spalled/delam throughout and undermined at W end.

SUPERSTRUCTURE

- 1: BOTH ABUT: Mod/hvy rust. Mod abrasion dust. Hvy rust and debris accumulation btwn rockers & masonry pls. Mod pack rust on inside face of keeper pls. N ABUT: Brgs W3 & W4 pumping under truck load. Brg W4 is loose & raised 5/8" due to rust accumulation at rocker base w/ exposed pintals w/ significant section loss. Brg E1 raised 1/4" due to rust accumulation btwn rocker & masonry pl. S ABUT: Brg W2 missing W keeper pl & shifted 1/2" E. Brg W3 loose w/ hvy abrasion dust.
2: BOTH ABUT: Mod corrosion of bot of brg stiffeners & end diaph. Gird ends beyond brg stiffeners w/ minor/mod section loss. Isolated gird webs w/ 1/8" loss x lower 3" above brg.
3: Minor collision scrapes to bottom flanges of girders E1, E2 and E3 over WB lanes.
4: Minor paint loss at girder ends, to exterior face & bot flg of original fascia girds, and to W fascia girder

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SECTION 5		MILE: 79.56	Southern Hart Brook		INSPECTOR(S): BRD AGP
		STR NO.: 0103			INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments - Wings	4	1. Bearing Devices	11
2. Condition Above	11	2. - Backwall	11	2. Steel Work	11
3. Condition Below	11	3. - Seat	11	3. Collision Damage	11
4. Curbs	11	4. - Erosion	3	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	11	8. - Scour	13		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	5		
11. Utilities	6	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	6		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	11
				59. Overall Superstructure Rating	11
				60. Overall Substructure Rating	11
				61. Overall Channel Rating	5
				62. Overall Culvert Rating	6

One cell box culvert - 6' H x 10' W. 2013-2016: Culvert was inaccessible at W end due to high water, entered from E end.

DECK

11: Large steel sewer pipe passing through culvert. Concrete encasement mod/hvy spalled in isolated locations.

SUBSTRUCTURE

1: W WWs: Heavy erosion undermining footings full width by half length. Footing mod spalled at undermined locations. SE WW: Footing exposed. NE WW: 12"L x 7"W x 2"D spall on top of WW.

4: W WWs: Severe embankment erosion undermining WW.

8: Large scour hole at W end. 9'L x 5'W x 2'D scour hole along SE WW exposing side of ftg.

10: Large trees growing on top of culvert and WWs.

12: SW: Wire fence does not extend to culvert. SE: Wire fence on WW missing one section.

61: Heavy aggradation at both ends. W END: Mod embankment erosion along stream beyond culvert w/ slanted trees.

62: Floor slab w/ 1/2" D scaling throughout. Walls w/ numerous mod cracks w/ active moist, eff, stalactites & rust staining.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 79.6	Goddard Road Overpass (Northbound)			INSPECTOR(S): BRD AGP	
	STR NO.: 0097				INSPECTION DATE: 06/14/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	6
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	6
3. Condition Below	7	3.	- Seat	6	3. Collision Damage	6
4. Curbs	11	4.	- Erosion	6	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	8		
7. Parapet	6	7.	- Columns	7		
8. Railing	8	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11	FHWA Ratings	
11. Utilities	11	11. Debris on Seats		8	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing		8	59. Overall Superstructure Rating	6
13. Approaches	7	13. Slope Pavement		11	60. Overall Substructure Rating	6
14. Fencing	11	14. Drainage Gutters		6	61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: Minor rutting in travel lane. Minor trans and longitudinal crks, some sealed. Minor pavement delamination at SW corner. Minor break-up along deck jts.

3: CENTER BAY: Occasional trans crks w/ eff in N span and center span. BOTH OVERHANGS: Scattered minor trans/vert crks w/ light eff and moisture. Heavy eff, moisture & staining along para horiz V-groove.

7: BOTH PARAPETS: Slip formed. Occasional minor map and vert crks w/ moisture on both sides. Occasional minor spalls and scaling. W APPR: Full perimeter delam approx 4" wide over S pier cap.

13: BOTH APPR: Endposts w/ minor map and vert crks w/ moisture. Minor settlement and scattered mod longitudinal and transverse pvmt cracks, some sealed.

SUBSTRUCTURE

3: S ABUT: 12"L x 6"W delam of seat near girder W2. N ABUT: Patched areas delam & spalled in bays W2 and E2.

4: S ABUT: Minor erosion undermining drainage gutter below girder E2. N ABUT: Moderate erosion undermining drainage gutter btw girders W2 and W5.

7: E COLS: Map hlcs throughout w/ occasional minor spalls.

14: N ABUT: W half of trough basin mod deteriorated.

SUPERSTRUCTURE

1: BOTH ABUT: Debris build-up btw masonry plates and rocker brgs. Mod to heavy corrosion of brgs W1-W5. N ABUT: Brg W3 is floating. W1 rocker lifted 1/4" off masonry plate due to rust accumulation. S ABUT: Brg W4 with some pumping under live load. W1 rocker lifted 1/4" off masonry plate due to rust accumulation.

2: ORIGINAL GIRDER ENDS: Mod/hvy corrosion. W FASCIA GIRD: Mod/hvy corrosion at W fascia top of bot flange full length. Other localized areas of minor corrosion, mainly in bot flg.

3: Minor bent of girder W2 bottom flange adj to splice over EB Lane.

4: Occasional areas of mod peeling/flaking paint along bot flanges and diaphragms, heavier at fascia girders. Remaining paint chalky.

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HNTB Corporation

SECTION 5		MILE: 79.61	Goddard Road Overpass (Southbound)		INSPECTOR(S): BRD AGP
		STR NO.: 1496			INSPECTION DATE: 06/14/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	6
4. Curbs	11	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	6	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	6		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Scattered minor longitudinal and transverse cracks, most sealed. Minor rutting. Minor break-up along deck jts.

3: ALL BAYS: Isolated minor trans crks w/ eff. BOTH OVERHANGS: Scattered minor trans/vert crks w/ light eff and moisture. Heavy eff, moisture & staining along para horiz V-groove.

7: BOTH PARAPETS: Slip formed. Scattered up to 1/32"W full perimeter crks w/ moist.

9: Hvy debris accumulation on scupper pans & 50% clogged grates, downspouts are clear.

12: BOTH JTS: Filled w/ sand.

13: BOTH APPR: Minor rutting. Mod transverse and longitudinal pvmt cracks, most not sealed. Endposts w/ up to 1/32"W full perimeter cracks w/ moisture, some w/ eff and staining. N APPR: E endpost cracked at joint curb plate.

SUBSTRUCTURE

1: ALL WWS: Map hlc throughout. NE WW: Minor delam at interface w/ endpost.

3: BOTH ABUT: Breastwalls w/ isolated minor crks. Pedestals w/ minor vert crks at anchor bolts. S ABUT: E3 pedestal w/ 3"L x fh x fw spall of E face exposing brg anchor bolt insert.

6: BOTH ORIGINAL CAPS: Minor map/diag crks w/ moist in patch at W end.

7: S SHAFT: Isolated minor horiz and diag crks on all faces at W end. N SHAFT: Isolated minor horiz and vert crks. Minor collision scrapes.

12: Gate missing at NW corner, wire fence in place eliminating opening. No fence btw NB and SB rdwy.

14: S ABUT: Hvy sand accumulation. Downspout angled towards pier.

SUPERSTRUCTURE

1: BOTH ABUT: Mod rust. Minor/mod abrasion dust. Scattered brgs w/ hvy rust accumulation btwn rocker and masonry pl exposing pintals w/ hvy section loss. S ABUT: Brgs W2 & E2 loose & raised 3/4" off of masonry pl due to rust accumulation. N ABUT: Brg E1 raised 3/4" off of masonry pl due to rust accumulation. Brgs W2 & E3 raised up to 1/2" off of masonry pl due to rust accumulation.

2: ORIGINAL GIRDS & END DIAPHS: Light to moderate corrosion of girder ends and diaphragms. Light corrosion to exterior of E fascia girder and few scattered locations on other girders.

3: SPAN S2: Girder W1 over WB lane w/ collision damage repair to web & bot flg, minor bend of W half of bot flg remains.

4: Areas of minor peeling/flaking paint on original girders, more frequent at bottom flanges, diaphragms and stiffeners. Remaining paint chalky.

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SECTION 5	MILE: 79.65	Northern Hart Brook		INSPECTOR(S): BRD AGP
	STR NO.: 0104			INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	5	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	13	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	7	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	5	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 6
				62. Overall Culvert Rating 13

Located at MM 79.85. One cell box culvert - 6' H x 10' W. 2013-2015: Culvert was inaccessible due to high water. 2016: Accessed W 1/4, remainder inaccessible due to high water & animal/wasp presence.

DECK

11: Large steel sewer pipe passing through culvert. Support beams for steel pipe w/ minor surface rust and corroded pipe connection hardware.

SUBSTRUCTURE

1: NE & SE WW: Mod spalling w/ exposed reinf of lower half for full length.

12: Fence collapsed at all locations.

61: Heavy debris accum on top of steel pipe. E END: Reduces down to narrow stream NE embankment w/ mod aggradation

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SECTION 5	MILE: 80.3	Lewiston Interchange Overpass (Northbound)			INSPECTOR(S): KEB BRG	
	STR NO.: 0098				INSPECTION DATE: 02/23/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	10	1. Abutments	- Wings	10	1. Bearing Devices	10
2. Condition Above	10	2.	- Backwall	10	2. Steel Work	10
3. Condition Below	10	3.	- Seat	10	3. Collision Damage	10
4. Curbs	10	4.	- Erosion	10	4. Paint	10
5. Median	10	5.	- Settlement	10	5. Misc.	10
6. Sidewalk	10	6. Piers	- Caps	10	FHWA Ratings	
7. Parapet	10	7.	- Columns	10		
8. Railing	10	8.	- Scour	10		
9. Drains	10	9.	- Settlement	10		
10. Lighting Standard	10	10. Misc		10		
11. Utilities	10	11. Debris on Seats		10	58. Overall Deck Rating	10
12. Deck Joints	10	12. Fencing		10	59. Overall Superstructure Rating	10
13. Approaches	10	13. Slope Pavement		10	60. Overall Substructure Rating	10
14. Fencing	10	14. Drainage Gutters		10	61. Overall Channel Rating	10
					62. Overall Culvert Rating	10

Note at time of inspection, original structure was demolished, proposed structure under construction.

SUPERSTRUCTURE

- 1: BOTH ABUT: Mod corrosion of interior bearings, heavy corrosion of fascia bearings. N ABUT: Brgs W1 & W3 w/ keeper plate missing. Brg W3 w/excessive backwards tilt in comparison to other bearings. S ABUT: Brg W3 floating with abrasion dust.
- 2: FASCIA GIRDS: Areas of minor section loss. OVERHANG BRACKETS: Areas of mod to hvy corrosion, horiz bolt conn btw top and bot portions of bracket w/+/- 10-15% of bolts & nuts severely corroded or disintegrated.
- 3: ALL GIRDS: Minor high load scrapes over EB and WB.
- 4: Moderate paint loss at fascia girder bottom flanges, overhang brackets, fascia and girder ends.

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HNTB Corporation

SECTION 5	MILE: 80.31	Lewiston Interchange Overpass (Southbound)		INSPECTOR(S): KEB BRG
	STR NO.: 1497			INSPECTION DATE: 02/19/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	9	1. Abutments - Wings	9	1. Bearing Devices 11
2. Condition Above	13	2. - Backwall	9	2. Steel Work 9
3. Condition Below	9	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	10	4. Paint 8
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	9	7. - Columns	11	
8. Railing	9	8. - Scour	11	
9. Drains	9	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	9	58. Overall Deck Rating 9
12. Deck Joints	11	12. Fencing	10	59. Overall Superstructure Rating 9
13. Approaches	9	13. Slope Pavement	11	60. Overall Substructure Rating 9
14. Fencing	10	14. Drainage Gutters	11	61. Overall Channel Rating 11
				62. Overall Culvert Rating 11

Bridge replaced in 2015.

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SECTION 5		MILE: 80.8 STR NO.: 0099	Ferry Road Overpass (Northbound)		INSPECTOR(S): INSPECTION DATE: 06/13/2016	BRD AGP
DECK			SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6		1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13		2. - Backwall	7	2. Steel Work	7
3. Condition Below	7		3. - Seat	6	3. Collision Damage	6
4. Curbs	11		4. - Erosion	11	4. Paint	7
5. Median	11		5. - Settlement	11	5. Misc.	11
6. Sidewalk	11		6. Piers - Caps	11		
7. Parapet	7		7. - Columns	11		
8. Railing	7		8. - Scour	11		
9. Drains	11		9. - Settlement	11		
10. Lighting Standard	11		10. Misc	7		
11. Utilities	11		11. Debris on Seats	7		
12. Deck Joints	11		12. Fencing	6		
13. Approaches	6		13. Slope Pavement	11		
14. Fencing	11		14. Drainage Gutters	11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	6
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: BOTH ABUT: Minor break-up along appr pvmt interface, mostly sealed. TRAVEL LANE: Minor rutting and sealed crks throughout. PASSING LANE: 9" dia x full depth pothole exposing membrane near S abut.

3: BOTH FASCIAS: Vert hlcs w/ moist or eff at para vert paraffin jts.

7: BOTH RDWY SIDES: Isolated vert hlcs in lower portion. Vert paraffin jt sealant failed throughout.

8: BOTH RAILINGS: Minor plow scrapes throughout.

13: BOTH APPR: Minor settlement and pvmt break-up along deck jt. W endposts w/ mod spall due to collision/plow damage. N APPR: 8"L x 2"W x 2"D pothole in passing lane along deck interface.

SUBSTRUCTURE

2: BOTH ABUT: Isolated minor horiz crks w/ mod st. S ABUT: Minor spall at both ends. N ABUT: Isolated minor vert crks w/ eff.

3: BOTH BREASTWALLS: Isolated minor fh vert/diag crks. Repair at E end w/ minor mc w/ moist, st and minor delam. E face w/ minor mc w/ moist. Minor collision scrapes. Several pedestals w/cracks and/or spalls. S BREASTWALL: 12"L x up to 13"H x 3/4"D spall & 1/2"D scaling adj to closure wall jt. 3.5'L x 5'H delam at base in bay E1 w/ 1/2"D spalling. N BREASTWALL: 3'L x fh delam at E end. Bay E1 w/ 8"L x 1.5'H delam of repair at top & 1.5'L x 3'H delam at midheight adj to vert crk. Upper 6" delam x fw bay E2.

10: S CLOSURE WALL: Bkw1 w/ minor delam at E end. Breastwall w/ mod horiz crk w/ eff near top.

12: NE WW: Large opening in chain link fence.

SUPERSTRUCTURE

3: GIRD E1: Collision scrapes on web and underside of bottom flange. Bot flg w/ 1/2" sweep and E half bent up 1/2" x 20"L. GIRD E2: Collision scrapes on underside of bottom flange.

4: Area of minor paint loss at E and W fascia beam bottom flanges over EB Rdwy.

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SECTION 5		MILE: 80.81 STR NO.: 6497	Ferry Road Overpass (Southbound)		INSPECTOR(S): BRD AGP INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	6	2. Steel Work	7
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	7	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	6		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	11	12. Fencing	6		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	6
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Sealed longitudinal crks in travel lane. Crks sealed along parapets. 2'W x 8"L x 2.5"D pothole in travel lane @ S jt.

7: BOTH RDWY SIDES: Isolated vert hlcs in lower portion.

8: BOTH RAILS: Minor plow scrapes throughout. W RAIL, SOUTH END: Two rail posts adj to SW endpost with mod gouges due to plow damage.

13: BOTH APPR: Mod trans cracks in travel lane and shlds. Endposts w/ minor spalls due to plow damage. W-beam guardrail transitions.

SUBSTRUCTURE

2: S ABUT: Isolated minor spalls. Large spall w/ rs at W end. N ABUT: Area of minor spalls at E end.

3: BOTH BREASTWALLS: Occasional minor fh vert crks. N BREASTWALL: Fh 1/16"W vert crack below girder E1 w/ adj 14"L x most of ht delam. S BREASTWALL: Areas of 3/4"D spalling at both ends. Fh up to 1/16" wide vert crack w/ minor delamination x lower half at E end.

10: SW CORNER: Large trees growing from retained fill.

12: SW FENCE: Large opening below fence at end of wingwall.

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HNTB Corporation

SECTION 5		MILE: 81.4	Lisbon St. / Rte. 196 & MCRR Overpass (Northbound)		INSPECTOR(S): BRD AGP
		STR NO.: 0100			INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	8	12. Fencing	8		
13. Approaches	8	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	6		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

Abandoned RR track under span N1.

DECK

1: E SHLD: Mod sand accumulation. Sealant along para pulled backed 10'L at S abut.

3: ALL BAYS SPANS N2, N3 and S2: Numerous minor trans crks some w/ minor eff. ALL BAYS SPANS N1 and S1: Scattered minor trans crks some w/ minor eff. BOTH OVERHANGS: Scattered minor trans crks w/ eff or moisture.

7: BOTH PARAPETS: Numerous minor full perimeter crks some w/ moist, particularly W para.

9: Mod sand accumulation on scupper pans, downspouts are clear.

12: BOTH JTs: Filled w/ sand.

13: Endposts w/ scattered minor full perimeter crks w/ moisture. SE GUARDRAIL: Minor collision damage.

SUBSTRUCTURE

3: BOTH ABUT: Scattered areas of mod rust staining. Breastwall w/ horiz hlcs under pedestals along repairs. N ABUT: Breastwall w/ scattered map hlcs. Breastwall w/ 2 - up to 1.5'L x 1'H delam in bay E2.

7: ALL SHAFTS: Minor horizontal crks at W end, some w/ moist. PIER S3 SHAFT: Isolated minor map/vert crks extending up to fh. CIP barrier integral w/ shaft w/ extensive 1/32"W map/vert crks & delam throughout.

14: N ABUT: Sealant failed along breastwall throughout. One vert timber shifted 1/2" S in bay W2.

SUPERSTRUCTURE

2: ORIGINAL GIRDERS W2-W4: Minor rust at abuts and failed paint locations. W2 AT N ABUT: 1/8" web loss x lower 5".

4: Areas of failed paint system on gird bot flgs and webs at abuts. Isolated areas of failed paint on gird bot flg over rdwy.

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HNTB Corporation

SECTION 5	MILE: 81.41	Lisbon St. / Rte. 196 & MCRR Overpass (Southbound)	INSPECTOR(S): BRD AGP		
	STR NO.: 1498		INSPECTION DATE: 06/13/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	8	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	8	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	8		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

Abandoned RR track under span N1.

DECK

3: ALL BAYS: Numerous transverse cracks w/ eff in spans N2 & N3. BOTH FASCIAS: Scattered minor vert crks w/ moist.

7: BOTH PARAPETS: Scattered minor full perimeter w/ moist.

12: BOTH JTs: Filled w/ sand.

13: ENDPOSTS: Scattered minor full perimeter crks w/ moist. S APPR: Minor trans crack in passing lane extending to left shld.

SUBSTRUCTURE

3: BOTH ABUT: Isolated areas of mod rust staining. S ABUT: Isolated minor vert crks extending across seat.

7: ALL SHAFTS: Minor horiz crks at E end, some w/ moist. PIER S3 SHAFT: Areas of minor spalls of S face near E end. CIP barrier integral w/ shaft w/ extensive 1/32"W map/vert crks throughout & scattered areas of delam.

SUPERSTRUCTURE

2: ORIGINAL GIRDERS E2, E3 & E4: Ends of girders w/ mod surface rust.

4: Areas of failed paint system on gird bot flgs and webs at abuts. Isolated areas of failed paint on gird bot flg over rdwy.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 81.8	Old Lisbon Road Underpass			INSPECTOR(S):	BRD AGP
	STR NO.: 0101				INSPECTION DATE: 06/10/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	8	1. Bearing Devices	8
2. Condition Above	13	2.	- Backwall	8	2. Steel Work	8
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	7	4.	- Erosion	8	4. Paint	8
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	11	7.	- Columns	7		
8. Railing	8	8.	- Scour	11		
9. Drains	8	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	6	12. Fencing		8		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	8	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	8
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

3: ALL BAYS: Numerous trans hlcs concentrated near piers. BOTH OVERHANGS: Numerous minor trans/vert cracks w/ light eff.

4: BOTH CURBS: Numerous full perimeter up to 1/32"W crks, some w/ moist or minor eff.

8: TYP: Minor plow scrapes.

12: E JT: Minor wear. Asphaltic plug jt w/ up to 1/2"W separation along wearing surface x 5'L at N & S ends. Leaking in bay S2.

13: NW ENDPOST: 9"L x 5"H x 1.5"D collision damage spall. SE ENDPOST: 6"L x 7"H x 3/4"D collision damage spall.

SUBSTRUCTURE

1: NE WW: Isolated fh vert hlcs.

2: E ABUT: Isolated vert hlcs, some w/ light eff.

3: E ABUT: Scattered vert hlcs extending across seat, some w/ light eff. W ABUT: Breastwall at rip rap w/ minor scaling (painted over).

SUPERSTRUCTURE

4: Weatherig steel, girder ends at abuts painted.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 82.5	No Name River		INSPECTOR(S): BRD AGP
	STR NO.: 0105			INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	7	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	13	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	7	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 7
				62. Overall Culvert Rating 7

Three cell box culvert. 2016: W third of N cell inaccessible due to high water.

SUBSTRUCTURE

1: ALL WW: Mod scaling at waterline.

61: Silt accumulation up to 2.5 feet deep in all cells. S CELL: Debris accumulation w/ up to 4' blockage at midspan. N CELL: Beaver dam near E end, partially blocking channel.

62: CULVERT TOP SLAB: Isolated minor transverse cracks with moisture or minor eff.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 82.7	Webster Road Underpass		INSPECTOR(S):	BRD AGP
	STR NO.: 0102			INSPECTION DATE:	06/13/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	6		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11	FHWA Ratings	
11. Utilities	11	11. Debris on Seats	7	58. Overall Deck Rating	7
12. Deck Joints	7	12. Fencing	7	59. Overall Superstructure Rating	6
13. Approaches	6	13. Slope Pavement	11	60. Overall Substructure Rating	6
14. Fencing	11	14. Drainage Gutters	6	61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Scattered minor crkg throughout.

3: ALL BAYS: Occasional minor trans crks throughout. BOTH ABUT: Delam and spalling along edge of deck along jt, most severe at W abut. BOTH OVERHANGS: Minor trans crks w/ mod eff and staining at paraffin jts. Minor mc over median pier.

7: BOTH PARAPETS: Occasional minor vertical crack w/ moisture. Top w/ minor map cracking w/ moisture.

8: BOTH RAILINGS: Minor plow scrapes throughout. Scattered rail posts w/ minor plow gouges. N RAILING: Rail posts W4, W13, W14. E7 & E8 bent up to 1"W due to collision damage.

12: W JT: EB w/ mod plow gouges in jt armor.

13: BOTH APPR: Scattered minor trans cracks in travel lanes and along deck jt. Endposts w/ minor cracks and isolated minor spalling due to plow damage. W APPR: Mod long and trans crk throughout w/ multiple areas of break-up/deterioration. 14"L x 6"W x 1.5"D pothole in EB. Mod trans cracks along backwall.

SUBSTRUCTURE

2: BOTH ABUT: Isolated minor vert crks w/ eff. Rust staining from deck jt. W ABUT: Isolated minor horiz crks w/ eff or rust staining.

3: W ABUT: Hairline mc w/ moist or eff at N end. Seat w/ minor delam in bay N1. E ABUT: Numerous minor vert/horiz crks w/ eff or rust staining. Mod spall w/ exp reinf at S end. Areas of minor seat spalling along bkwl.

4: W PIER: Minor erosion.

7: E SHAFT: 6" dia x 1"D spall at NW corner. 1.5'L x 1.5'H delam of W face at S end. Fw x 20"H delam of S face. MEDIAN SHAFT: E face w/ 9'L x 2"H delam at midheight & 2.5'L x lower 2.5' delam under gird N2. West face w/ hairline mc throughout lower half & 6'L x up to 1'H delam along repair. Isolated areas of minor delam/spalls in N face.

14: E ABUT: Gutter pulled away from abut +/- 1 1/2" & sealed. Concrete gutter segments with mod scaling & spalls at section jts. W ABUT: Abandoned bit drainage gutter heavily deteriorated.

SUPERSTRUCTURE

1: ALL BRGS: Mod surface rust. Some anchor bolts nuts w/ negative thread. Isolated vert sliding plates dislodged.

2: Areas of minor corrosion at loctions of paint failure. BOTH ABUT: Fascia girds w/ painted over 1/8" web loss x lower 3".

4: Scattered areas of paint failure along bot flange, diaphragms over rdwy, & girder ends.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 83.7	Grove Street Underpass			INSPECTOR(S):	BRD AGP
	STR NO.: 0034				INSPECTION DATE: 06/15/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	6	2. Steel Work	7
3. Condition Below	7	3.	- Seat	6	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	7	4. Paint	7
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	6		
8. Railing	7	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	6	12. Fencing		7		
13. Approaches	7	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		6		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	6
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Areas of minor deterioration/cracking in EB. Mod long cracks along DYI. BOTH SHLDS: Up to 2'W delam at deck corners and around scuppers.

3: ALL BAYS: Isolated fw minor trans crks. BOTH FASCIAS: Occasional vert crks w/ moisture. BOTH OVERHANGS: Occasional trans crks w/ moisture and eff at paraffin joints.

7: N PARAPET: Numerous minor vertical and map cracks w/ moisture. S PARAPET: Small spall on rdwy side over SB shoulder.

8: BOTH RAILINGS: Scattered minor gouges/scrapes due to plow damage.

12: BOTH JOINTS: Seal partially displaced from extrusion in several locations. W JT: Leaking at centerline and south curbline (minor). E JT: Leaking in WB lane.

13: BOTH APPR: All endposts w/minor mc with moisture. Mod long crack at centerline w/ scattered minor trans cracks. Mod trans cracking along backwall w/ isolated sealed cracks throughout. Minor areas of pvmt break-up along deck jts. SE GUARDRAIL: Mod collision damage.

SUBSTRUCTURE

2: BOTH ABUT: Areas of mod rust staining from deck jt. E ABUT: 6'L x lower 2'-10" delam in bay S1. W ABUT: 2'L x lower 21" delam in bay N1.

3: BOTH ABUT: Breastwall & pedestals w/ isolated vert hlcs, some extending across seat/to anchor bolt. E ABUT: 1/2"D scaling of seat throughout. 3 - 8"L x 21"W x 1"D spalls w/ exposed reinf of seat in bay S1. 1'L x 1'W delam of seat in bay S2. Seat in bay N1 w/ 2.5'L x fw delam w/ 1"D spalling w/ exposed reinf.

4: W ABUT: Minor erosion undermining drainage gutter.

6: ALL CAPS: Numerous minor vert crks w/ moist or eff in upper 16". MEDIAN CAP: 10"L x 3"H delam at NW cor of shaft.

7: E SHAFT: 2'W x lower 2.5' delam of S face. MEDIAN SHAFT: Hairline mc w/ moist in repairs. E face w/ 1'L x lower 5.5' delam adj to repair under gird S2 & 4'L x lower 6'-3" delam at N end. 6"W x 5'H delam of NW cor. 1.5'W x 1.5'H delam of S face. W SHAFT: E face w/ 1'L x 1'W delam at S end & 4'L x lower 4' delam at N end. 7"W x 3'H delam of N face at E end.

14: BOTH ABUT: Up to 4"W gap btwn trough & abut w/ failed sealant. Mod sand accumulation.

SUPERSTRUCTURE

1: E ABUT: 1 bent anchor bolt for brg N2.

2: Gird bot flgs w/ minor rust at areas of failed paint above rdwy. E ABUT: Painted over 1/8" loss x lower 1.5" of one or both sides of web. W ABUT: 1/16" web loss x lower 6" of N face of gird S1.

4: Scattered areas of paint system failure to gird bot flgs and diaphs over rdwy.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 84.3	Lisbon Road Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 0035		INSPECTION DATE: 06/15/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	7
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Isolated minor long and trans cracks.

3: TYP: Occasional minor transverse and map crks. BOTH OVERHANGS: Minor transverse crks w/ moisture, staining and eff at paraffin jts. NE corner underside w/ map hlc w/ minor eff. BOTH FASCIAS: Numerous minor vert crks w/ moist.

7: BOTH PARAPETS: Isolated areas of hairline map cracks w/ light eff, isolated minor spalling at vert jts.

8: BOTH RAILINGS: Minor plow scrapes/gouges to rail posts & bot rail throughout. S RAILING: Rail posts E12, E13 & W9-W11 w/ mod gouge, bent up to 1"W and/or crkd due to collision damage. N RAILING: Rail posts E10-E13 w/ mod gouge & bent up to 1"W due to collision damage.

13: NE ENDPOST: Minor collision scrapes.

SUBSTRUCTURE

1: ALL WWs: Area of hairline mc w/ moist near abut.

3: BOTH ABUT: Scattered minor vert crks extending across seat, some to anchor bolts. EABUT: Minor crk along horiz cj.

4: E PIER: Minor erosion at S end.

7: E SHAFT: Repair on W face w/ map hlc throughout.

SUPERSTRUCTURE

1: BOTH ABUT: Numerous anchor bolts slightly bent. E ABUT: 1 anchor bolt mod bent for brg S2 (installed at an angle).

2: Minor corrosion at areas of paint system failure.

4: Scattered areas of paint system failure throughout, heaviest over rdwy.

**Maine Turnpike Annual Inspection
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Inspection Field Report
HNTB Corporation**

SECTION 5		MILE: 85.2	Sabattus River (Northbound)		INSPECTOR(S): BRD AGP
		STR NO.: 0036			INSPECTION DATE: 06/10/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	7
3. Condition Below	7	3. - Seat	8	3. Collision Damage	11
4. Curbs	11	4. - Erosion	8	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	13		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	11	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	7
62. Overall Culvert Rating	11

Refer to the most recent Underwater Inspection Report for additional information.

DECK

3: ALL BAYS: Numerous transverse hlcs w/ minor eff. BOTH OVERHANGS: Occasional transverse crks w/ eff and stalactites.

7: BOTH PARA: Scattered minor full perimeter crks w/ moist.

13: BOTH APPR: Minor rutting in travel lane. Pvmt interface seal deter. N APPR: Minor collision damage to NW and NE endposts.

SUBSTRUCTURE

61: Refer to SB report.

SUPERSTRUCTURE

1: BOTH ABUT: Brg W1 w/ 1/8" gap at seat for up to full length of front face.

2: ORIGINAL GIRDS (W1-W5): Light to moderate corrosion along bottom flange, most severe gird W1. GIRDER W1: Mod pack rust at bottom flange splice. S ABUT: Bottom two nuts at west stiffener of E3 not fully engaged.

4: Failed paint system throughout top & bot flgs of girds W1 & E2.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 85.21	Sabattus River (Southbound)		INSPECTOR(S):	BRD AGP
	STR NO.: 1499			INSPECTION DATE:	06/10/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	8	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	8	8. - Scour	13		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	5
				62. Overall Culvert Rating	11

Refer to the most recent Underwater Inspection Report for additional information.

DECK

1: Minor rutting in travel lane.

3: ALL BAYS: Numerous transverse hlcs w/ minor efflorescence. Stalactites from crks in bay W1 near pier. BOTH OVERHANGS: Isolated trans crks w/ eff, concentrated near pier. W overhang w/ stalactites.

7: BOTH PARA: Scattered minor full perimeter crks w/ moist.

13: BOTH APPR: Minor rutting in travel lane. Minor pvmt break-up in travel lane along deck interface. Endposts w/ isolated minor full perimeter crks w/ moist. N APPR: Isolated fw minor trans crks.

SUBSTRUCTURE

2: BOTH ABUT: Upper portion w/ scattered vert hlcs w/ eff. N ABUT: Fh 1/32"W vert crk w/ mod eff in bays W1 & E1.

3: S ABUT: Seat w/ fw hlc in bay W1. E2 pedestal w/ long hlc on W side.

61: UPSTREAM (W): 2 fallen trees & hvy channel debris adj to pier, blocking 3/4 of channel.

SUPERSTRUCTURE

2: GIRD E1 & W2: Light to mod corrosion along top and bot flgs throughout and scattered areas of lower web.

4: Failed paint system throughout top and bottom flanges of girders E1 and W2.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 85.8	Southern Maxwell Brook			INSPECTOR(S): BRD AGP
	STR NO.: 0042				INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments	- Wings	6	1. Bearing Devices 11
2. Condition Above	11	2.	- Backwall	11	2. Steel Work 11
3. Condition Below	11	3.	- Seat	11	3. Collision Damage 11
4. Curbs	11	4.	- Erosion	11	4. Paint 11
5. Median	11	5.	- Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers	- Caps	11	
7. Parapet	11	7.	- Columns	11	
8. Railing	11	8.	- Scour	13	
9. Drains	11	9.	- Settlement	11	
10. Lighting Standard	11	10. Misc		11	
11. Utilities	11	11. Debris on Seats		11	
12. Deck Joints	11	12. Fencing		11	
13. Approaches	11	13. Slope Pavement		11	
14. Fencing	11	14. Drainage Gutters		11	
					FHWA Ratings
					58. Overall Deck Rating 11
					59. Overall Superstructure Rating 11
					60. Overall Substructure Rating 11
					61. Overall Channel Rating 6
					62. Overall Culvert Rating 6

Two cell box culvert - 8' H x 8' W. 2013-2016: Culvert was inaccessible due to high water/hvy silt.

SUBSTRUCTURE

1: ALL WW: Minor abrasion at waterline. SE WW: Minor spall at top of wall. Covered by veg growth. NE WW: Minor diag crks w/ moist. SW WW: Mod spalling of top.

61: Hvy silt accum in & adj to culvert.

62: Observations made from embankments. Walls w/ minor/mod abrasion at waterline. W FASCIA: Roof slab w/ minor spall at top near headwall. Center wall w/ minor spalling.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 86.1 STR NO.: 0037	Middle Road / Rte. 9 Interchange Underpass	INSPECTOR(S): BRD AGP INSPECTION DATE: 06/13/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	7
2. Condition Above	13	2. - Backwall	7
3. Condition Below	7	3. - Seat	7
4. Curbs	11	4. - Erosion	7
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	7	7. - Columns	6
8. Railing	7	8. - Scour	11
9. Drains	7	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	7
12. Deck Joints	6	12. Fencing	11
13. Approaches	6	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings 58. Overall Deck Rating 7 59. Overall Superstructure Rating 8 60. Overall Substructure Rating 6 61. Overall Channel Rating 11 62. Overall Culvert Rating 11	

DECK

- 1: Isolated minor trans/long crks.
 3: BAYS N1 AND N2: Numerous transverse crks w/ eff. BOTH OVERHANGS: Occasional transverse crks w/ eff and stalactites.
 7: S PARA: Minor full perimeter crks at/near most rail posts. N RDWY SIDE: Map hlcs w/ moist throughout.
 8: NE RAILING TRANSITION: Bot rail protrudes 2" into rdwy from rail pocket at endpost.
 12: BOTH JTS: Seals appear to be dislodged at several locations w/ evidence of leakage below. Filled w/ sand.
 13: BOTH APPR: Mod long crks throughout. Endposts w/ map/vert hlcs w/ moist. Mod trans cracking along backwall. E APPR: SE grail at E end w/ mod collision damage to one section, including 10"L x 5"H tear. NE grail w/ mod collision damage at curved section for on-ramp, one rotated post. W APPR: Minor trans crks along bkwl. Minor rutting. Minor settlement along jt, particularly in shlds.

SUBSTRUCTURE

- 1: NW & SE WWs: Scattered vert hlcs.
 2: BOTH ABUT: Numerous areas of hvy rust staining from deck joint.
 3: BOTH BREASTWALLS: Scattered vertical hlcs. Isolated areas of mod rust staining and eff from edges of repair. E ABUT: 1'-4"L x 1'-4"W x 1"D seat spall at S side of girder S3 w/ adj 14"L x fw delam.
 4: BOTH ABUT: Minor erosion.
 6: ALL CAPS: Isolated areas of map/vert hlcs. E CAP: Diag hlc w/ minor eff in E face above N col.
 7: ALL COLS/SHAFTS: Isolated areas of map hlcs. MEDIAN PIER: W face of shaft w/ 7'L x up to lower 4' delam of S half & 2.5'L x 1.5'H delam above repair in bay S3. 2'L x 4'H delam of SE cor. W PIER: NE cor of shaft w/ 2.5'L x 4.5'H delam w/ mod rust staining.

SUPERSTRUCTURE

- 1: W ABUT: Contracted at 70 degrees.
 2: Small areas of minor surface rust on edges of splice plates.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 86.11	Northern Maxwell Brook			INSPECTOR(S):	BRD AGP
	STR NO.: 0043				INSPECTION DATE: 06/13/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices	11	
2. Condition Above	11	2. - Backwall	11	2. Steel Work	11	
3. Condition Below	11	3. - Seat	11	3. Collision Damage	11	
4. Curbs	11	4. - Erosion	11	4. Paint	11	
5. Median	11	5. - Settlement	11	5. Misc.	11	
6. Sidewalk	11	6. Piers - Caps	11			
7. Parapet	11	7. - Columns	11			
8. Railing	11	8. - Scour	13			
9. Drains	11	9. - Settlement	11			
10. Lighting Standard	11	10. Misc	11			
11. Utilities	11	11. Debris on Seats	11			
12. Deck Joints	11	12. Fencing	11			
13. Approaches	11	13. Slope Pavement	11			
14. Fencing	11	14. Drainage Gutters	11			
				FHWA Ratings		
				58. Overall Deck Rating	11	
				59. Overall Superstructure Rating	11	
				60. Overall Substructure Rating	11	
				61. Overall Channel Rating	5	
				62. Overall Culvert Rating	7	

Two cell box culvert - 6' H x 9' W. Oriented N-S under Middle Rd./Rte 9, W of underpass. 2014-2016: Inaccessible due to high water/hvy silt.

SUBSTRUCTURE

1: SW WW: 1/2" to 1" displacement at jt w/ headwall.

61: N END: Heavy debris accum (beaver dam) blocking both cells.

62: BOTH CELLS: Minor hlcs throughout. 8"H silt on base.

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LITCHFIELD

MILE 86.7 to MILE 100.2

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 6 Miles: 86.7 to 100.2

BRIDGE SUMMARY: Litchfield

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
86.70	Furbush Road Underpass	U	8	8	8	8	8	8	8	8	8	11	8	11	11	8	8	8	11	11
87.20	Curtis Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	7	7
87.49	Curtis Brook under FFR	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	5	7
87.50	Fisher Farm Road Underpass	U	6	11	7	5	6	7	7	7	6	11	7	11	7	7	6	7	11	11
89.10	Marsh Road Underpass	U	6	11	7	7	6	7	7	7	6	11	7	7	11	7	7	7	11	11
90.00	Maxwell Road Underpass	U	5	6	6	5	5	4	5	6	4	5	5	11	4	4	4	5	11	11
91.00	Ferrin Road Underpass	U	7	8	8	7	8	8	8	8	8	11	7	11	11	8	7	8	11	11
91.90	Center Road Underpass	U	6	11	7	7	6	7	7	7	8	6	7	11	7	7	7	7	11	11
92.60	Academy Road Underpass	U	8	11	8	8	8	8	8	8	8	11	8	11	11	8	8	8	11	11
93.30	Richmond Road (Rt. 197)	U	7	7	6	6	7	6	7	7	8	6	7	11	7	6	6	7	11	11
95.10	Small Road Underpass	U	5	6	6	6	5	10	5	5	4	11	9	11	5	10	10	5	11	11
95.60	Plains Road Underpass	U	6	11	7	5	6	7	6	6	6	11	7	11	6	7	5	6	11	11
96.50	Stevenstown Road Underpass	U	6	11	8	6	7	7	7	5	8	11	6	11	7	7	5	7	11	11
96.62	Potters Brook	O	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	5	6
99.00	Lunt's Hill Road Underpass	U	9	9	9	9	9	8	9	8	6	11	9	9	11	8	8	11	11	11

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 6 Miles: 86.7 to 100.2

BRIDGE SUMMARY: Litchfield

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
99.20	Cobbosseecontee Stream (Northbound)	O	6	7	7	5	6	6	7	7	6	11	7	11	11	6	7	7	6	11
99.21	Cobbosseecontee Stream (Southbound)	O	6	7	7	5	6	6	7	7	7	11	7	11	11	6	7	7	6	11

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 86.7	Furbush Road Underpass			INSPECTOR(S):	BRD AGP
	STR NO.: 0038				INSPECTION DATE: 06/07/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments	- Wings	8	1. Bearing Devices	8
2. Condition Above	13	2.	- Backwall	8	2. Steel Work	8
3. Condition Below	8	3.	- Seat	8	3. Collision Damage	11
4. Curbs	8	4.	- Erosion	8	4. Paint	8
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	8		
7. Parapet	11	7.	- Columns	8		
8. Railing	8	8.	- Scour	11		
9. Drains	11	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	8	12. Fencing		8		
13. Approaches	8	13. Slope Pavement		11		
14. Fencing	8	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	8
					59. Overall Superstructure Rating	8
					60. Overall Substructure Rating	8
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

3: BOTH OVERHANGS: Numerous minor trans crks w/ eff. BOTH FASCIAS: Numerous minor vert crks typ at curb vert cks.

4: BOTH CURBS: Numerous full perimeter hlcs, most w/ moist.

12: BOTH JOINTS: Filled with sand in shlds.

13: NW & SE ENDPOSTS: Minor collision damage to guardrails.

SUBSTRUCTURE

2: E ABUT: Isolated minor vert crks.

3: BOTH ABUT: Isolated vert hlcs, some w/ light eff or extending across seat.

7: E1 SHAFT: Minor mc on S face and of patch at SW cor. W face with 1'L x 1.5'H delam near S end. W2 SHAFT: Minor horiz crks of patch at SE cor.

SUPERSTRUCTURE

1: ALL BRGS: Minor surface rust on welded pls above/below elastomeric brgs. BOTH ABUT: Up to 3/16" gap btw masonry pl and rubber pad.

4: Weathering steel, girder ends painted.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 6	MILE: 87.2	Curtis Brook		INSPECTOR(S): BRD AGP
	STR NO.: 6465			INSPECTION DATE: 06/07/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	11	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	6	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	11	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 7
				62. Overall Culvert Rating 7

One cell box culvert - 6' H x 10' W. Hvy silt on culvert floor, difficult access. 2016: Inaccessible due to high water.

SUBSTRUCTURE

1: NW & SW WW: Covered by silt deposits. SE WW: Mod scaling at end w/ active moist. NE WW: Minor eff along vert cj w/ abut. Half of wall covered by silt deposit.

8: One apparent scour hole in front of SE WW.

61: Hvy silt deposits at both ends of channel.

62: 2'H of silt on cell floor. Occasional minor cracks extending full perimeter of cell w/ active moist & eff. Minor/mod abrasion of cell wall at waterline. AT MIDDLE: 3/16"W full perimeter crk w/ active moisture and st. Walls w/ 5"W x fh x 6"D spalling.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 87.49	Curtis Brook under FFR			INSPECTOR(S): BRD AGP
	STR NO.: 6464				INSPECTION DATE: 06/07/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices	11
2. Condition Above	11	2. - Backwall	11	2. Steel Work	11
3. Condition Below	11	3. - Seat	11	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	11	7. - Columns	11		
8. Railing	11	8. - Scour	7		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	11		
12. Deck Joints	11	12. Fencing	11		
13. Approaches	11	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	11
				59. Overall Superstructure Rating	11
				60. Overall Substructure Rating	11
				61. Overall Channel Rating	5
				62. Overall Culvert Rating	7

One cell box culvert - 6' H x 10' W. Culvert under Fisher Farm Road just E of turnpike.

SUBSTRUCTURE

1: S WWs: Minor abrasion at waterline. N WW: Mod sediment build-up.

61: N END: Breached beaver dam 70' upstream. Debris partially blocking channel. E embankment with mod aggradation and mod erosion. SW EMBANKMENT: Mod scour hole along embankment beyond culvert.

62: Both walls w/ 18"H minor abrasion at base. Floor with minor debris accumulation. 1/8"W full perimeter crk at midspan w/ minor spalling along edges.

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 87.5	Fisher Farm Road Underpass			INSPECTOR(S):	BRD AGP
	STR NO.: 0039				INSPECTION DATE: 06/07/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments	- Wings	7	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	7
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	11
4. Curbs	11	4.	- Erosion	6	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	7	7.	- Columns	6		
8. Railing	7	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		7		
12. Deck Joints	5	12. Fencing		5		
13. Approaches	6	13. Slope Pavement		11		
14. Fencing	11	14. Drainage Gutters		7		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	7
					60. Overall Substructure Rating	6
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

1: Scattered minor long/trans crks throughout. SPAN W2: 5"L x 10"W x full depth pothole w/ exp membrane & deck delam.
 3: BOTH OVERHANGS: Frequent trans crks w/ moist, eff and some stalactites at paraffin jts. Numerous vert crks on fascias w/ moist.
 7: BOTH RDWY SIDES: Frequent light vertical cracks and map cracks w/moist. BOTH FASCIA SIDES: Frequent minor vertical cracks with eff and moisture.
 8: BOTH RAILS: Minor plow scrapes throughout. Scattered rail posts with minor plow gouges/bends.
 12: W JT: Seal dislodged at numerous locations. E JT: Seal dislodged at scattered locations. Jt armor w/ minor plow damage.
 13: BOTH APPR: Mod transverse crack w/ pvmt break-up along backwall. Approx 1" settlement along backwalls. Several mod long and trans cracks. Endposts w/ minor vertical and map cracks w/ moisture. Some endposts with minor plow damage. W APPR: S guardrail w/ minor collision damage at endpost.

SUBSTRUCTURE

2: W ABUT: 2'L x 3"H x 2"D spall in bay N1. E ABUT: Repaired spall of top bkwl in EB rdwy.
 3: BOTH ABUT: Scattered vert hlcs w/ moist. W ABUT: Scattered minor areas of 1/2"D spalls of seat. E ABUT: Numerous areas of fw seat x 1/2"D spalls.
 4: E ABUT: Minor erosion undermining N end of drainage gutter x 6'L.
 7: E SHAFT: Minor cracking and delam around patch on W face (up to 28"H) for full length and S Face (up to 15"W).
 12: Wire fence sagging and bent poles at NW corner.
 14: E ABUT: Failed sealant along abut. N end below scupper pitched backwards. W ABUT: Timber gutter abandoned.

SUPERSTRUCTURE

1: BOTH ABUT: Mod surface rust of pls. W ABUT: Most sole plates not centered on gird bot flanges. Brg S2 w/ N sliding surface dislodged. E ABUT: S edge of pot at N1 is at edge of top sliding surface. Brg N2 w/ S sliding surface dislodged.
 2: Mod surface rust at locations of failed paint.
 4: ABOVE RDWY: Gird bot flgs w/ failed paint system throughout, scattered minor areas on webs. BOTH ABUT: Failed paint system on all pls of brgs.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6		MILE: 89.1	Marsh Road Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0040			INSPECTION DATE: 06/07/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	8		
8. Railing	7	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	6	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

- 1: BOTH LANES: Frequent mod long and trans crks w/ mod deterioration. 6"L break-up along deck jts. EB: 2 - 6" dia x 1.5"D potholes in span E1. N SHLD: Up to 7"W delam along para.
- 3: BOTH OVERHANGS: Occasional vert hlcs on face and trans hlcs on underside w/ moist or eff, concentrated near pier.
- 7: BOTH PARA: Minor scaling on top. BOTH FASCIAS: Hlcs w/ moisture and light eff adj to jts.
- 8: S RAILING: Minor plow gouges in rail posts above median.
- 12: BOTH JTs: Partially filled w/ sand.
- 13: BOTH APPR: Pvmt w/ scattered mod longitudinal and transverse crks w/ mod deterioration. Up to 2'L mod pvmt break-up along jt. W APPROACH: Minor spalling to of NW endpost.

SUBSTRUCTURE

- 1: NW AND SW WWs: Minor map cracks w/ moisture. SW WW: Sealant at vert joint with abut is dislodged/loose at top. NW and NE WWs: Joint filler dislodged/deteriorated, vegetation growing in joint.
- 2: W ABUT: Scattered minor vert crks w/ eff.
- 3: BOTH BREASTWALLS: Isolated minor fh vert crks.
- 13: BOTH ABUT: Minor vegetation in jts. Minor sand accumulation at base.

SUPERSTRUCTURE

- 2: Minor rust at locations of failed paint, heavier above rdwy.
- 4: Numerous areas of failed paint system along edges of gird bot flgs & splices, and scattered on lower gird webs.

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Inspection Field Report

HNTB Corporation

SECTION 6		MILE: 90		Maxwell Road Underpass		INSPECTOR(S): BRD AGP	
		STR NO.: 0041				INSPECTION DATE: 06/10/2016	
DECK		SUBSTRUCTURE		SUPERSTRUCTURE			
1. Wearing Surface	5	1. Abutments	- Wings	6	1. Bearing Devices	6	
2. Condition Above	5	2.	- Backwall	5	2. Steel Work	5	
3. Condition Below	4	3.	- Seat	4	3. Collision Damage	5	
4. Curbs	6	4.	- Erosion	6	4. Paint	4	
5. Median	11	5.	- Settlement	11	5. Misc.	11	
6. Sidewalk	11	6. Piers	- Caps	6			
7. Parapet	5	7.	- Columns	4			
8. Railing	6	8.	- Scour	11			
9. Drains	11	9.	- Settlement	11			
10. Lighting Standard	11	10. Misc		11			
11. Utilities	11	11. Debris on Seats		7			
12. Deck Joints	5	12. Fencing		5			
13. Approaches	5	13. Slope Pavement		11			
14. Fencing	11	14. Drainage Gutters		4			
						FHWA Ratings	
						58. Overall Deck Rating	4
						59. Overall Superstructure Rating	5
						60. Overall Substructure Rating	4
						61. Overall Channel Rating	11
						62. Overall Culvert Rating	11

Single lane bridge.

DECK

1: 3"D potholes w/ exposed top of deck at E and W ends near jts. 3'L x 2'W delam between repairs over median. 5"L x 9"W x full depth pothole in travel lane adj to W joint. BOTH SHLD: Areas of up to 2'W pvmt delam along curblines.

2: At previous wearing surface full depth potholes: 8'L x 3'W delam and 11'L x 4'W delam over median, 2.5' L x 14"W x 3"D spall near E abut. Assume deficiencies were not repaired when potholes were patched.

3: Extensive mod/hvy scaling w/ light eff and areas of hvy rust staining throughout. SPAN W2: 4'L x 3'W x 1.5"D spall w/ exp reinf above SB right shld in bay S1. BOTH OVERHANGS: Trans crks w/ eff, mod scaling and spalled haunches adj E pier. S OVERHANG: 1.5'L x 3"W delam over NB right shld, 6"L x 3"W delam over NB left lane.

4: TYP: Mod scaling throughout w/ occasional spalling exposing reinf.

7: BOTH RDWY SIDES: Moderate scaling w/ minor vert crks. S PARA: 7'-6"L x up to fw x up to full height x 3"D spalling to top w/ exp reinf over SB & fascia w/ up to 16"H delam. 30' long section of minor cor spalling in span W2 w/ one area w/ exp reinf, one area w/ exp reinf.

8: BOTH RAILS: Moderate peeling paint throughout. Minor surface corrosion.

12: BOTH JTS: Paved over and sealed. New cracks developing through sealant Open at all curblines, draining onto superstructure and substructure.

13: BOTH APPR: Approach curbs settled up to 2.5" with minor to moderate spalling at deck joints. All cable guardrails are down. Pvmt settled approx 1" adj to backwall w/ mod transverse cracking & delam/breakup. Minor scaling of endposts. W APPR: 7"L x 7"W x full depth pothole in lane.

SUBSTRUCTURE

1: SE WW: 2.5'L x 1.5'H x 3"D spall at bot wire fence anchor.

2: BOTH ABUT: Mod scaled. Up 9"H x 3.5"D spalling along deck jt armor. Areas of minor spalling throughout. E ABUT: 9"L x 2.5"H x 4"D spall at gird N1.

3: BOTH ABUT: Top and face w/ minor scaling and spalls. E ABUT: Most of breastwall w/ up to 2'H x 5"D spalling w/ exposed reinf along gutter.

6: MEDIAN CAP: 6"L x half height delam of W Face at N overhang. W CAP: 2'L x 6"H delam at girds N1 & N2 on E face.

7: E SHAFT: Full length x up to 9'H delam of W Face w/ 2.5"D spalling. Fw x lower 9' delam of S face. 8"L x lower 9' delam of E face at S end. MEDIAN SHAFT: N face w/ fw x lower 6.25' delam. Up to 4.5'L x lower 6.25' delam of W face at N end. E face at S end w/ 2'L x 3.5'H x 2.5"D spall w/ exp reinf & adj 6"L x up to 5.25'H x 5"W cor delam. W SHAFT: Fw x lower 6.5' delam of N face w/ 1.5"D spalling w/ exp reinf. Fl x up to 6.5'H delam of E face.

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 90	Maxwell Road Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 0041		INSPECTION DATE: 06/10/2016

12: Wire fence at all 4 corners damaged or deteriorated.

14: E ABUT: Severe corrosion of corrugated steel gutter including 100% loss x 8"H for half length along abut. Failed sealant along abut. 100% loss x 1.5'L x 1'W of downspout near gutter. W ABUT: Mod corrosion to corrugated steel gutter.

SUPERSTRUCTURE

1: ALL BRGS: Moderate corrosion. Mod/hvy rust accumulation btw rocker and masonry pl.

2: Mod rust of gird bottom flgs and bottom half of web w/ minor section loss over travel lanes. BOTH ABUT: Girder webs w/ up to 3/16" x 1.5"H adj to brg stiffener and mod section loss beyond stiffener. End diaphs w/ minor/mod corrosion. Bottom 3" of brg stiffeners w/ minor/mod section loss, heaviest at N1 at W abut w/ 1/2" remaining.

3: GIRD S1 OVER NB: 2'L x S half of bot flg x up to 1.5"H bend above travel lane w/ slight flg rotation & 1/2" sweep.

4: TYP: Approx 80% paint loss to the bottom flg and bottom half of the webs over roadway and up to 50% to upper half of webs. Approx 25% loss to bottom flg of the remaining steel. Up to 100% paint loss to steel adj jts.

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 91	Ferrin Road Underpass	INSPECTOR(S):	BRD AGP	
	STR NO.: 0540		INSPECTION DATE: 06/07/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	7	2. Steel Work	8
3. Condition Below	8	3. - Seat	8	3. Collision Damage	11
4. Curbs	8	4. - Erosion	8	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	8	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	8
				59. Overall Superstructure Rating	8
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

West Road. Single lane bridge.

DECK

3: BOTH OVERHANGS: Scattered trans/vert hlcs w/ minor eff, concentrated near piers.

4: BOTH CURBS: Scattered full perimeter hlcs w/ moist, typ near rail posts. Minor sand accumulation on top.

12: W JT: Up to 1"W separation of asphaltic plug jt along appr pvmt for most of length, most severe at N & S ends. E JT: Up to 5/8"W separation of asphaltic plug jt along appr pvmt x 1.5'L at S end.

13: W APPR: Pvmt along abut w/ two minor trans crks. S guardrail w/ two sections w/ mod collision damage. E APPR: Both gore signs w/ mod bend of sign or post.

SUBSTRUCTURE

2: BOTH ABUT: Isolated vert hlcs.

3: BOTH ABUT: Isolated vert hlcs extending across seat.

SUPERSTRUCTURE

4: Weathering steel. Beam ends at abuts painted.

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Inspection Field Report

HNTB Corporation

SECTION 6		MILE: 91.9	Center Road Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0541			INSPECTION DATE: 06/07/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	7	3. Collision Damage	6
4. Curbs	11	4. - Erosion	6	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: EB: Mod mc throughout. Isolated 10" dia areas of break-up. 9" dia x full depth pothole in span W1. 8"L x 2'W x full depth break-up/pothole along E abut. WB: Scattered minor long/trans crks.
 3: ALL BAYS: Occasional transverse hlcs. BOTH OVERHANGS: Occasional transverse crks w/ mod eff, moisture and staining at paraffin jts.
 7: BOTH RDWY FACES: Numerous map and vert hlcs w/ eff and moisture. Minor plow scrapes throughout. Occasional minor spall on the top surface and at paraffin jts. S RDWY FACE: Minor spall w/ exposed reinf over med pier. BOTH FASCIAS: Minor vert crks w/ eff and staining below paraffin jts.
 8: BOTH RAILINGS: Minor plow scrapes throughout. Numerous minor plow gouges/bends to rail posts. N RAIL: Mod collision damage to top rail over median. E transition w/ rails protuding 1.5" into rdwy from rail pocket. S RAIL: Mod collision damage to bot rail btwn rail posts E10-E14.
 13: BOTH APPR: Mod trans crk & minor settlement adj to bkwl. Minor rutting. Endposts w/ minor spalling due to plow damage. W APPR: Mod long crk in WB w/ mod pvmt break-up. E APPR: 1'L pvmt break-up along deck jt. Numerous mod long/trans pvmt crks. Several patches. 2 - 6" dia x 1.5"D potholes.

SUBSTRUCTURE

2: BOTH ABUT: Minor vertical cracks with eff. Minor peeling/flaking protective coating.W ABUT: 4'-7"L x 8"H delam in span S1.
 3: BOTH ABUT: Isolated minor vert crks, some extend across seat. E ABUT: 1'L x 1.5'H delam at south end.
 4: W ABUT: Mod erosion at S end of gutter. Debris accum at base of gutter downspout causin pooling water at pier. PIERS: Minor erosion N & S ends. and E pier.
 6: ALL CAPS: Upper 12" w/ numerous minor vert crks.
 7: E SHAFT: Minor mc on W face and both ends. Areas of minor delam on S face w/ minor spalls. W face w/ up to 2'-4"H full length delam at midheight. MEDIAN SHAFT: Up to 3'H delam of S half of E face. W SHAFT: Minor crks and delam w/ staining around patches on E face.
 14: W ABUT: Hvy sand accumulation at downspout base. E ABUT: Bituminous gutter abandoned.

SUPERSTRUCTURE

1: BOTH ABUT: Several bent or skewed anchor bolts.
 3: S FASCIA GIRD: Bot flange +/-1" sweep and S half bent up +/- 2" x 12"L over NB dwl.
 5: Utility pole guy wire attached to north fascia beam at west end.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 6		MILE: 92.6	Academy Road Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0542			INSPECTION DATE: 06/07/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	8
2. Condition Above	13	2. - Backwall	8	2. Steel Work	8
3. Condition Below	8	3. - Seat	8	3. Collision Damage	11
4. Curbs	11	4. - Erosion	8	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	8	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	8	11. Debris on Seats	11		
12. Deck Joints	8	12. Fencing	8		
13. Approaches	8	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	8
				59. Overall Superstructure Rating	8
				60. Overall Substructure Rating	8
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: Bay S1: Minor trans crk above W pier. BOTH OVERHANGS: Scattered minor trans crks w/ minor eff. BOTH FASCIAS: Numerous minor vert crks w/ minor eff at para vert crks/paraffin jts, particularly N fascia.

7: BOTH PARA: Full perimeter hlcs w/ moist or light eff at/near rail posts.

8: N RAILING: Rail posts W13-W17 & E6-E11 w/minor gouge due to plow damage. S RAILING: Rail posts W8-W14 w/minor gouge due to plow damage.

12: BOTH JTS: Filled w/ sand in shlds. W JT: Minor gouges in jt armor due to plow damage.

13: ALL ENDPOSTS: Scattered full perimeter hlcs w/moist. NW ENDPOST: Minor spall due to collision damage.

SUBSTRUCTURE

1: ALL WWs: Isolated vert hlcs w/eff.

2: BOTH ABUT: Scattered minor fh vert crks w/ light eff or moist.

3: BOTH ABUT: Scattered minor vert crks.

7: ALL SHAFTS: Isolated areas of minor-mod rust staining along repairs. W SHAFT: E face lower half repair w/ map hlcs throughout.

SUPERSTRUCTURE

4: Weathering steel. Girder ends painted.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 93.3	Richmond Road (Rt. 197)	INSPECTOR(S): BRD AGP
	STR NO.: 0543		INSPECTION DATE: 06/07/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	6	2. Steel Work	7
3. Condition Below	6	3. - Seat	7	3. Collision Damage	6
4. Curbs	7	4. - Erosion	8	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	6		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

- 1: BOTH SHLD: Minor mc throughout. S SHLD: 10" dia break-up in span E1.
3: ALL BAYS: Minor trans/map crks throughout, some w/ eff. W ABUT: Bays N1 & N2 w/ 9'L x up to 5'W delam near abut. SPAN W2: 10" dia delam adj to NW weep drain near W pier. Girds S1 & S2 haunches over SB spalled throughout due to collision damage. SPAN E1: 2'L x 1'W delam in bay S1. Slab lifted approx 1/8" off top flg of gird S2 and diaphragms between girds S1 & S3 due to impact rust between deck and top flange. S overhang w/ 20'L x 1.5"D haunch spall at E abut. BOTH OVERHANGS: Occasional trans crks w/ eff. N OVERHANG: Minor spalls over NB travel lane.
4: BOTH CURBS: Minor plow damage throughout.
7: BOTH ROADWAY SIDES: Minor horiz crks and occasional vert hlcs, some w/ eff. Scattered up to 3.5'L x fh delam. BOTH FASCIAS: Occasional vert crks w/ eff and staining.
8: BOTH RAILINGS: Widespread peeling paint w/ minor surface rust. Minor corrosion of numerous anchor bolts and nuts, particularly on N railing.
12: BOTH JTs: Seal weathered & slightly dislodged at center. W JT: Minor plow gouges in jt armor in EB. E JT: Seal dislodged at N end.
13: BOTH APPR: Scattered minor pvmt crks. Endposts w/ scattered minor vert crks w/ moist & minor plow damage.

SUBSTRUCTURE

- 2: BOTH ABUT: Up to fh x 1/2"D scaling throughout. Isolated minor spalls along jt armor. W ABUT: Mod spall along jt armor at N & S ends. E ABUT: Minor rust staining at both ends.
6: ALL CAPS: Horiz hlcs at ends. Isolated vert hlcs.
7: W SHAFT, E FACE: Repairs w/ map hlcs w/ moist throughout. 2.5'L x 3'H delam at S end. 3.5'L x 3'H delam at center. 1'L x fh delam adj to repair at N end. CENTER SHAFT: W face w/ 2'L x 1.5'H delam at S cor. E face w/ horiz hlc w/ hvy st. E SHAFT: Minor areas of st. Repairs on W face w/ map hlcs w/ moist throughout. W face w/ 1.5'L x fh delam at S end & 20"L x 4'H delam at N end.
12: Wire fences at all 4 cor damaged/down.
14: BOTH ABUT: Minor sand accumulation.

SUPERSTRUCTURE

- 1: BOTH ABUT: Anchor bolts cut and welded to masonry pl. Welds w/ mod rust.
2: BOTH ABUT: Minor section loss of bot flg adj to brg stiffeners, painted over. SPAN W2: N1 bot flg splice pl w/ 1/2" impacted rust.
3: SB RDWY: Girds S1, S2 & S3 heat straighten, minimal remaining sweep. Girds N1 & S1 w/ collision scrapes on underside of bot flg.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6		MILE: 95.1	Small Road Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0544			INSPECTION DATE: 06/10/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	5	1. Abutments - Wings	7	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	10	2. Steel Work	5
3. Condition Below	10	3. - Seat	10	3. Collision Damage	11
4. Curbs	6	4. - Erosion	7	4. Paint	4
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	10	FHWA Ratings 58. Overall Deck Rating 10 59. Overall Superstructure Rating 5 60. Overall Substructure Rating 10 61. Overall Channel Rating 11 62. Overall Culvert Rating 11	
7. Parapet	6	7. - Columns	9		
8. Railing	5	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	6	12. Fencing	5		
13. Approaches	5	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	5		

2016: Superstructure replacement and substructure repairs.

DECK

1: Numerous minor/mod long and trans crks w/ minor deterioration throughout. WB: 4'L x 6'W break-up in span E2. BOTH SHLDS: Several locations w/ mod pvmt deterioration and up to 12"W delamination along curbline.

3: Timber shielding throughout. ALL BAYS: Occasional transverse crks w/ eff. Scattered areas of mod scaling w/ eff, particularly over rdwy. Mod spalls at abut corners adj to top flg of fascia girds, NE w/ stalactites. Minor incipient spalls developing in E and W spans. W PIER: Cj w/ light eff. SPAN W2: Scattered areas of 4"L x 8"W delam in bays S1 and N1 over rdwy.

4: BOTH CURBS: Moderate scaling throughout. Occasional minor spalls, some w/rs. N CURB: Moderate spall at east deck joint.

7: BOTH RDWY SIDES: Mod scaling throughout. Isolated minor spalls on top. BOTH FASCIAS: Occasional minor vert crks w/ eff.

8: BOTH RAILINGS: Minor corrosion to anchor bolts w/ surface rust throughout. Isolated rail posts w/ missing one anchor bolt nut. Scattered anchor bolts w/ backed off nuts. S RAILING: Rail posts E1 & W15 w/ one sheared ancor bolt.

12: Finger joints partially paved over. Mod surface rust throughout. Fingers misaligned.

13: BOTH APPR: Pvmt cracked and sealed along backwall. Remaining pvmt w/ frequent mod trans and long crks w/ mod deterioration and not sealed. ENDPOSTS: Mod scaling and occasional minor spalls. Mod vegetation grow along curbs. Approach curbs settled up to 4". Cable guides are sagging at all corners. NW ENDPOST: One cable guide not attached. W APPR: 4'L x 9"W x 1 1/2"D pothole exposing top of backwall. E APPR: 15"L x 6"W x 1"D pothole exposing top of backwall.

SUBSTRUCTURE

2: E ABUT: Large spalls repaired, some repairs appear to be in progress. Base spalled 1'L x 6"H x 3"D at girds S1 and S3. W ABUT: Scattered areas of 7"H x 2.5"D spalling at base.

3: E ABUT: Large spalls repaired, some repairs appear to be in progress. Scattered areas of 1/2"D spalling throughout.

6: ALL CAPS: Conc repairs performed, no coating applied yet.

11: BOTH ABUT: Mod debris accum.

12: TYP: Wire fence damaged.

14: E ABUT: Mod deterioration. Failed water shield.

SUPERSTRUCTURE

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 95.1	Small Road Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 0544		INSPECTION DATE: 06/10/2016

1: BOTH ABUT: Moderate corrosion w/ laminated rust at some locations, heavier corrosion to anchor bolts and nuts.

2: Mod/hvy corrosion of bottom flanges w/ section loss, similar at lower web and diaphragms, concentrated over roadway. Approx 1/8" section loss to lower 2" of one side of web at W abut at S2 and N1, similar at S1 E abut.

4: Failed paint system on girds & diaphs over rdwy, gird bot flg edges throughout & scattered areas on gird webs. Remaining paint is chaky.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6		MILE: 95.6	Plains Road Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 1392			INSPECTION DATE: 06/10/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	6	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	5		
8. Railing	7	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	5	12. Fencing	6		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	6		
				FHWA Ratings	
				58. Overall Deck Rating	7
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	5
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: W ABUT: Pvmt break-up and mod crks along deck jt. 6"L x 2"W x full depth pothole in dyl w/ exp membrane. EB: Numerous minor long and trans crks. 1/2"D depressed patch along E deck jt. N SHLD: Isolated areas of up to 12"W delam extending from para.

3: Occasional trans crk w/ eff, numerous in bay S1. BOTH OVERHANGS: Trans crks w/ eff and staining at paraffin jts. BOTH FASCIAS: Minor map cracking and occasional horiz and vert crks w/eff and moist. S FASCIA: Minor/mod horizontal cracking w/ moist over NB and SB rdwy.

7: BOTH RDWY SIDES: Paraffin jt sealant deter. BOTH FASCIAS: Moist, st and eff at paraffin jts, scattered map cracking - heavier at S parapet. Continuous long hlcs on top of N parapet.

8: BOTH RAILINGS: Minor frequent gouges in rail posts. Minor scrapes throughout. N RAILING: Coliision damage to botton railing at rail post W8.

12: 12: BOTH JTS: Seals are dislodged at several locations. Partially filled w/ sand.

13: BOTH APPR: Pvmt w/ mod settlement & scattered mod crks. E APPR: Minor plow damage to SE guardrail. Minor spall in SE endpost. W APPROACH: Up to 10"W delamination in EB along deck jt. Minor spall in NW endpost. 6"D x full depth pothole in SW corner.

SUBSTRUCTURE

1: ALL WW: Minor map and vert crks with moisture, some w/ eff. NE WW: 1.5'L x 1.5'H x 2.5"D spall with exposed reinf of W face. SE WW: Minor spall on top at S end.

2: BOTH ABUT: Mod rust staining from deck jt throughout. Isolated vert hlcs w/ mod eff.

3: BOTH ABUT: Isolated minor vert crks extending across seat. Pedestals w/ minor mc on all faces, some w/moist/eff and/or extending to anchor bolts.

4: E ABUT: Minor erosion along drainage gutter w/ partial undermining at gutter jts.

6: ALL CAPS: Pedestals w/ minor mc on all faces, some w/moist and/or extending to anchor bolts. E CAP: Minor map crks w/ moisture on W face at N end. MEDIAN CAP: 7"L x 1.5'W x 1.5"D spall w/ exp reinf on underside of N cantilever. W CAP: Minor popout w/ exposed reinf at N cantilever.

7: ALL SHAFTS: Occasional areas of mod map crk'g w/ moisture and minor spalls at gradeline including repairs. E SHAFT: Full length x up to lower 10' delam of W face. S face w/ fw x up to lower 10' delam. MEDIAN SHAFT: Full length x 3' H delam of E and W faces adj to repairs, extends up to 5.5'H at middle of W face. N face w/ fw x lower 7' delam w/ 1"D spalling. W SHAFT: E face w/ areas of delam 2.5'L x 7'H at N end and 8'L x up to 5.5'H at S end.

12: Wire fence down at NW & SW.

14: BOTH ABUT: Gutter pulled away from abut seat (+/-1") at several locations. Failed sealant along abut. E ABUT: Several downspout jts have sealant missing. Minor undermining at several locations. Conc

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 95.6	Plains Road Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 1392		INSPECTION DATE: 06/10/2016

deterioration below south scupper. W ABUT: Conc gutter segment spalled along joint at north end & filled w/ bit liquid seal.

SUPERSTRUCTURE

1: BOTH ABUT: Vert sliding surface at guide bar is dislodged/missing at interior brgs, pot bearing tight against guide bar. Mod surf rust to brg surfaces. GIRDER N1: Edge of top plate shifted beyond pot bearing 1/2" (north) @ west abut. Edge of top plate flush with pot bearing at east abut.

2: TYP: Mod corrosion to bottom flg and girder bottom half of web over travel lanes and ends at abuts.

4: TYP: Paint deteriorated over approx 25% of girder surfaces primarily above travel lanes.

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Inspection Field Report

HNTB Corporation

SECTION 6	MILE: 96.5	Stevenstown Road Underpass			INSPECTOR(S): BRD AGP
	STR NO.: 0545				INSPECTION DATE: 06/10/2016
DECK		SUBSTRUCTURE			SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	7	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	5	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	6		
7. Parapet	7	7. - Columns	5		
8. Railing	8	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	6	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		
					FHWA Ratings
					58. Overall Deck Rating 7
					59. Overall Superstructure Rating 7
					60. Overall Substructure Rating 5
					61. Overall Channel Rating 11
					62. Overall Culvert Rating 11

DECK

1: EB: Minor long crks throughout. BOTH JTS: Pvmnt break-up and mod crks along deck jt.

3: ALL BAYS: Numerous minor trans/map crks throughout, some in bay S1 w/ eff. BOTH OVERHANGS: Frequent trans crks w/ eff. Staining at paraffin jts. BOTH FASCIAS: Numerous vert hlcs w/ moist.

7: BOTH RDWY SIDES: Minor plow scrapes throughout.

12: W JT: Dislodged and leaking at girder N2.

13: E APPR: Several mod long crks w/ minor potholes. Pvmnt break-up for S half along deck jt w/ 6"L x 14"W x 1"D pothole exposing top of bkwl. ENDPOSTS: Minor scrapes/spalls due to plow damage.

SUBSTRUCTURE

3: BOTH ABUT: Pedestals w/ numerous minor crks, some extending to anchor bolts. E ABUT: Top of seat w/ scattered small spalls. S1 pedestal w/ 3.5"L x up to fh x 13"W spall of N face. W ABUT: Numerous small popouts throughout. Bays S1 & N1 w/ up to 15"L x 15"W x 2"D spalls of seat.

4: E ABUT: 20'L x 7"W x 1'D erosion at N end w/ 10'L x 5'W area of rip rap shifted exp geotextile & soil below. 5'L x 3'W x 2.5'D sinkhole 15' N of abut. Mod erosion at SE WW. W ABUT: Mod erosion under gutter downspout.

6: W CAP: E face w/ 2'L x 6"H delam of top cor at girds N2 & N3.

7: W SHAFT: Minor spall at N end. E face w/ scattered hlcs. Full length x upper 2.5' delam of E face. MEDIAN SHAFT: Full length x up to 5'.5H delam of E & W faces w/ areas of 1.5"D spalling. S face w/ fw x lower 6.5' delam & minor mc. E SHAFT: 7'L x lower 3' delam of W face.

12: 2' gap below bottom of SE fence. NE gate unlocked.

14: W ABUT: Hvy sand accumulation at base of downspout.

SUPERSTRUCTURE

1: BOTH ABUT: Top of masonry pls w/ up to 1/4" painted over section loss. Anchor bolt nuts w/ up to 50% painted over loss. W ABUT: Anchor bolts in contact w/ W end of masonry pl slotted holes.

Contracted up to 1 1/4" at 60 deg. Brg N2 masonry pl rotated upward 1/4". Brg N3 masonry pl rotated upward 1/2" and shimmed. E ABUT: Minor abrasion dust. Fascia brgs raised 1/4" due to impacted rust at base. Brg N2 rocker base resting on N washer.

2: Occasional small areas of minor impacted rust btw gird bot flg and splice pl. BOTH ABUT: Minor painted over section loss of gird lower web and bot flg. W ABUT: 3/16" web loss x lower 5" painted over.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 6	MILE: 96.62	Potters Brook		INSPECTOR(S): BRD AGP
	STR NO.: 0537			INSPECTION DATE: 06/09/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7	1. Bearing Devices 11
2. Condition Above	11	2. - Backwall	11	2. Steel Work 11
3. Condition Below	11	3. - Seat	11	3. Collision Damage 11
4. Curbs	11	4. - Erosion	5	4. Paint 11
5. Median	11	5. - Settlement	11	5. Misc. 11
6. Sidewalk	11	6. Piers - Caps	11	
7. Parapet	11	7. - Columns	11	
8. Railing	11	8. - Scour	13	
9. Drains	11	9. - Settlement	11	
10. Lighting Standard	11	10. Misc	5	FHWA Ratings
11. Utilities	11	11. Debris on Seats	11	58. Overall Deck Rating 11
12. Deck Joints	11	12. Fencing	11	59. Overall Superstructure Rating 11
13. Approaches	11	13. Slope Pavement	11	60. Overall Substructure Rating 11
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating 5
				62. Overall Culvert Rating 6

Two cell box culvert. Refer to the most recent Underwater Inspection Report for additional information. 2013-16: Inaccessible due to high water.

SUBSTRUCTURE

4: W END: Up to 11'L x up to 7'W x 3'D embankment erosion above S cell.

10: Large trees growing above culverts and WWs.

61: Rip rap embankment adj to culvert except SE. East end (downstream) w/ moderate erosion of embankments. SE WW: 5'W x 2'D embankment erosion for half length.

62: Freeboard approx. 2' upstream (W) & 1' downstream (E). Apparent high water above headwalls. Center wall w/ minor/mod abrasion at waterline.

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HNTB Corporation**

SECTION 6	MILE: 99	Lunt's Hill Road Underpass			INSPECTOR(S):	KEB BRG
	STR NO.: 0546				INSPECTION DATE: 02/19/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	9	1. Abutments	- Wings	9	1. Bearing Devices	8
2. Condition Above	13	2.	- Backwall	9	2. Steel Work	9
3. Condition Below	8	3.	- Seat	9	3. Collision Damage	11
4. Curbs	9	4.	- Erosion	11	4. Paint	6
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	8		
7. Parapet	11	7.	- Columns	8		
8. Railing	9	8.	- Scour	11		
9. Drains	11	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	11	11. Debris on Seats		8		
12. Deck Joints	9	12. Fencing		9		
13. Approaches	9	13. Slope Pavement		9		
14. Fencing	11	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	8
					59. Overall Superstructure Rating	11
					60. Overall Substructure Rating	8
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

Superstructure replacement and substructure rapairs in 2015.

DECK

3: OH: Scattered trans cracks w/ eff.

SUPERSTRUCTURE

1: ALL BRGS: Anchor rod nuts not engaged.

4: ALL GIRDERS: Weathering steel portion has formed surface rust throughout.

HNTB Corporation

GARDINER

MILE 100.2 to MILE 108.8

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 7 Miles: 100.2 to 108.8

BRIDGE SUMMARY: Gardiner

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
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Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
101.70	Route 126 Underpass	U	7	11	6	8	8	6	6	6	6	6	7	11	9	6	7	6	11	11
102.00	Gardiner / Litchfield Interchange Underpass	U	5	7	7	4	7	5	5	5	4	6	7	11	7	5	6	5	11	11
102.01	Ramp E Underpass (I-295 Toll plaza)	U	5	7	7	7	5	5	5	5	6	11	6	6	11	5	5	5	11	11
102.50	I-295 Southbound Underpass	U	6	11	8	6	6	6	6	7	6	7	6	7	11	6	6	6	11	11
103.60	High Street Underpass	U	6	11	6	7	5	7	6	7	5	6	7	11	7	7	7	6	11	11
104.60	Northern Avenue Overpass (Northbound)	O	7	11	8	11	7	13	11	13	11	11	7	11	11	13	7	7	11	11
104.61	Northern Avenue Overpass (Southbound)	O	7	11	8	11	6	13	11	13	11	11	7	11	11	13	6	7	11	11
106.00	Maple Street Underpass	U	7	6	6	6	6	10	7	7	5	11	8	11	11	10	10	7	11	11
106.90	Litchfield Road Underpass	U	8	8	8	7	8	8	8	7	8	11	8	11	11	8	8	8	11	11
106.94	Vaughn Brook	U	11	11	11	11	11	11	11	11	11	11	7	11	11	11	11	11	6	7
107.70	Central Street Overpass (Northbound)	O	6	6	7	7	7	5	6	4	5	6	7	11	11	5	7	6	11	11
107.71	Central Street Overpass (Southbound)	O	7	7	8	7	8	5	6	6	5	11	7	11	11	5	7	6	11	11
108.30	Winthrop Road Underpass	U	6	6	5	5	6	5	7	6	6	5	6	11	11	5	5	7	11	11

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Inspection Field Report

HNTB Corporation

SECTION 7		MILE: 101.7	Route 126 Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0548			INSPECTION DATE: 06/09/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	6	3. - Seat	7	3. Collision Damage	6
4. Curbs	11	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	7		
8. Railing	5	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	5		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	9		
				FHWA Ratings	
				58. Overall Deck Rating	6
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: ALL BAYS: Numerous trans crks w/ mod eff throughout bays S1 & S2, isolated elsewhere. Bay S1 w/ mc w/ mod eff along beam S1 in spans W2 & E2. Beams N1, N2 & S1 w/ mod haunch spalls over SB due to collision damage. BOTH OVERHANGS: Minor trans/vert crks w/ hvy eff, moist and staining at paraffin jts. Scattered areas of up to 1'W x 1"D spalling along top flgs in span W2. S OVERHANG: 1/32"W horiz crks at bot edge in spans W1 & E1.
 7: BOTH PARA: Slip formed. Map hlc w/ moist throughout on both faces. Isolated minor vert crks on faces & long hlc w/ moist on top.
 8: S RAILING: 4 rail posts over SB w/ mod bends due to collision/plow damage, underside of top rail crk'd at these posts. BOTH RAILINGS: Scattered minor scrapes to rail posts.
 12: BOTH JTs: Filled w/ sand in shlds. Jt header w/ isolated minor trans crks.
 13: W APPR: Top of N guardrail w/ minor collision damage throughout. Minor spall in endposts due to collision damage. 10"L x 6"W x 1/2"D pothole in WB lane. Minor trans crk in WB lane & N shld.

SUBSTRUCTURE

1: ALL WWs: Map hlcs w/ minor eff. SW WW: Map hlcs w/ mod eff.
 2: BOTH ABUT: Top at rdwy w/ isolated minor trans crks. Scattered minor vert & horiz crks w/ eff.
 3: BOTH ABUT: Breastwalls w/ up to 1/32"W mc. Pedestals w/ up to 1/16"W crks extending to anchor bolts.
 6: ALL CAPS: Scattered vert/map hlcs.
 7: W SHAFT: Scattered map/vert hlcs along lower half of E face. CENTER SHAFT: One vert hlc w/ mod rust staining on E face.
 12: Wire fence down/damaged at all WWs.

SUPERSTRUCTURE

1: BOTH ABUT: Minor surface rust. Up to 80% loss of isolated anchor bolt nuts. Up to 1/8" loss of top of masonry pls. E ABUT: Brg S1 w/ painted over minor corrosion hole in masonry pl at NW cor.
 2: BOTH ABUT: Minor painted over web section loss, mod beyond brg stiffener. SPANS W2 & W3: Minor rust at locations of failed paint and collision damage repairs (heat straightening).
 3: SPAN W2: Beams N1-N3 & S1 above SB w/ collision damage repairs (heat straightening). Up to 1/2"W bottom flange sweep remains for beams N1, N2 & S1. Relief holes in lower web of beams N1 & S1.
 4: Mod paint loss over travel lanes throughout. Collision damage repairs to beams N1-N3 & S1 above SB not painted

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 102		INSPECTOR(S): BRD AGP
	STR NO.: 0549	Gardiner / Litchfield Interchange Underpass	INSPECTION DATE: 06/09/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	5
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5
3. Condition Below	5	3. - Seat	6	3. Collision Damage	6
4. Curbs	7	4. - Erosion	6	4. Paint	4
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	6		
8. Railing	7	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	4	12. Fencing	11		
13. Approaches	5	13. Slope Pavement	11		
14. Fencing	8	14. Drainage Gutters	7		

FHWA Ratings

58. Overall Deck Rating	5
59. Overall Superstructure Rating	5
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Isolated minor long and trans cracks in travel lane. W JT: Mod transverse crcks along jt. S SHLD: Scattered areas of up to 16"W delam along south curbline.
3: BAY S1: Minor mc w/ moist throughout, some light eff. SPAN W3: Several areas of girder N haunches spalled throughout. Bay N1 w/ up to 8"L x 2"W x 1.5"D spall w/ exp reinf, adj 6"L x 3"W delam & minor trans crks w/ eff over SB left shld. Up to 8'L x fw damp areas in bay N1, less severe other bays. BOTH FASCIAS: Minor horiz crks w/ moist at repair cj.
4: N FASCIA: Minor horiz crk throughout.
12: E JT: Asphaltic plug joint w/ up to 1/2"W long crk x 15'L at S end & 2.5'L separation along appr pvmt in N shld. Leaking at both ends. W JT: Compression joint seal dislodged at several locations and leaking at both ends. Up to 6'-6"L section of seal missing in S shoulder.
13: BOTH APPR: Pavement at backwall w/mod transverse crks and minor settlement. Endposts up to 1' lower than bridge railing top rail including on leading (E) appr. Curbs at endposts have settled up to 3.5".
E APPR: Several mod trans & long cracks in center of roadway and along backwall. W APPR: Numerous mod cracks. SW guardrail w/mod damage & 2 rail posts not connected to guardrail. NW guardrail w/ mod damage. NW and SW endposts exhibit scattered minor spalls.

SUBSTRUCTURE

2: BOTH ABUT: Mod rust staining from deck jt. W ABUT: Isolated minor fh vert crks. Minor delam/spalling along jt armor.
3: BOTH ABUT: Isolated minor vert crks, some w/ mod rust staining. Horiz cj w/ minor/mod horiz crk and areas of minor delam. Pedestals w/ minor vert crks extending to anchor bolts. E ABUT: 2.5'L x 21"W seat delam w/ mod rust staining btwn girds N2 & N3. Minor long crks w/ minor delam of seat btwn girds N3 & N4.
4: W ABUT: Minor slope failure at base of embankment.
6: ALL CAPS: Isolated minor vert crks. Minor mc on faces and minor trans crks on underside of cantilevers.
7: W1 SHAFT: Minor mc throughout and full length x up to 3'H delam of E face. E2 SHAFT: Map/vert hlcs w/ minor moist in repair of lower 1' of W & E faces. E1 SHAFT: Minor mc on E face. Scattered areas of minor delam on W face.

SUPERSTRUCTURE

1: BOTH ABUT: Mod/hvy rust, particularly fascia brgs. Typ raised 3/16" due to rust accumulation btwn rocker base and masonry pl. W ABUT: Brg S2 more contracted than others at 60 deg, may be frozen. Brg N1 missing S keeper plate. E ABUT: Brg N2 w/ 20% anchor bolt loss, 50% anchor bolt nut loss & raised 5/16" due to rust accumulation btwn rocker base and masonry pl.

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 102	Gardiner / Litchfield Interchange Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 0549		INSPECTION DATE: 06/09/2016

2: ABOVE RDWY: Minor/mod corrosion to bot flg and bot half of web of girds, similar at diaphragms. BOTH ABUT: 1/8" web loss x lower 1.5" on one or both sides adj to stiffener. Bot of stiffeners w/ minor losses at interior girders and mod/hvy losses at exterior girders. Bot flg at brg w/ approx 25% section loss. Hvy rust of end diaph. W ABUT: S face of gird S1 w/ 5/16" web loss x lower 3" w/ 100% loss x 1"H x 1.5"L adj to stiffener, & 100% loss x 6 1/2"H x 2 1/4"L & 1.5"H x 8"L beyond stiffener. 1" dia corrosion hole in bot of brg stiff on N side. Gird N1 w/ 100% loss x 3" dia & 1"H x 2.5"L beyond brg stiffener. E ABUT: Gird N1 w/ 1/8" web loss x lower 3" of N face & 3/16" loss x lower 3" of S face. Gird N1 S half of bottom flg w/ 100% loss x 2.5"W x 1.5"L adj to sole plate.

3: SPAN W3: Gird N1 w/ minor collision scrapes on underside of bot flg.

4: Failed paint system to girds & diaphs over rdwy, fascia girds in other spans, gird ends at abut, brgs at abut and end diaph.

**Maine Turnpike Annual Inspection
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Inspection Field Report
HNTB Corporation**

SECTION		MILE:	102.01			INSPECTOR(S):	BRD AGP
		STR NO.:	6322	Ramp E Underpass (I-295 Toll plaza)		INSPECTION DATE: 06/09/2016	
DECK			SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	5	1. Abutments - Wings	7	1. Bearing Devices	5		
2. Condition Above	13	2. - Backwall	7	2. Steel Work	5		
3. Condition Below	5	3. - Seat	5	3. Collision Damage	11		
4. Curbs	7	4. - Erosion	7	4. Paint	6		
5. Median	11	5. - Settlement	11	5. Misc.	11		
6. Sidewalk	11	6. Piers - Caps	6	FHWA Ratings			
7. Parapet	11	7. - Columns	5				
8. Railing	7	8. - Scour	11				
9. Drains	11	9. - Settlement	11				
10. Lighting Standard	7	10. Misc	11				
11. Utilities	5	11. Debris on Seats	7	58. Overall Deck Rating	5		
12. Deck Joints	7	12. Fencing	11	59. Overall Superstructure Rating	5		
13. Approaches	5	13. Slope Pavement	6	60. Overall Substructure Rating	5		
14. Fencing	11	14. Drainage Gutters	11	61. Overall Channel Rating	11		
				62. Overall Culvert Rating	11		

Bridge is closed to public traffic. The Interstate 295 toll booth structure is integral w/ the bridge.

DECK

1: Frequent mod longitudinal and trans crks, some sealed. Several small areas of heaved pvmt. Mod debris w/ vegetation along gutter. Up to 6"W delam along curblines.

2: Mod debris accumulation on top of toll plaza overhang.

3: ALL BAYS: Isolated trans crks, some w/ eff at scuppers. SPAN W2 & E2, BAY N1: Up to 3'L x 3'W damp area around weepholes w/ 1.5"D spalls w/ exposed reinf, minor delam, rust staining and minor mc. TOLL PLAZA OVERHANG: Numerous trans crks w/ eff. Incipient spalls w/ staining and/or spalls w/ exposed reinf all corners (not w/in rdwy). N overhang in span W2 (over rdwy) w/ 3 spalls w/ exposed reinf (from W to E): 2'L x 2'W x 1.5"D, 2'L x 10"W x 1.5"D, 10"L x 1'W x 1.5"D.

4: Several minor spalls on top of N curb near railing base plates adjacent to sign supports. NE SIGN SUPPORT: S beam w/loose horizontal bolts at each end. SW SIGN SUPPORT: N beam w/loose horizontal bolt at W end.

11: Numerous small junction boxes supported from superstructure w/ mod/hvy corrosion & several covers loose/pryed down. ABOVE DECK SIGN LIGHTING: Conduits w/ mod rust of couplings and conn clips. E2 S lighting standard conduit bot conn clip loose. Conduit unistrut vert support disconnected btwn N interior signs.

12: W JT: Filled w/sand and veg growth. E JT: Mod surface rust.

13: W APPR: Up to 16" L delam and pvmt break-up along jt. Scattered mod long crks throughout. E APPR: Several transverse crks partially sealed over bkwl. Up to 12" W delam along jt.

SUBSTRUCTURE

2: BOTH ABUT: Scattered vert hlcs w/ moist.

3: BOTH ABUT: All pedestals w/ 1/8"W crks, some extending to anchor bolts. Isolated pedestals w/ up to 3"D spalls along perimeter and below masonry plate, exposing the anchor bolts. Breastwalls w/ mod horiz crks w/ hvy eff or st. E ABUT: Breastwall w/ 3.5'L x up to 16"H delam at beam S2. W ABUT: N face of breastwall w/ fw (2'W) x 1'H delam. Breastwall at beam N2 w/ 20"L x 12"H delam & hoiz hlc w/ hvy eff.

6: E PIER: Fw x 4"H delam on top of N face (not over rdwy). STEEL CAPS: Minor corrosion at failed paint throughout.

7: STEEL COLUMNS: Bottom of columns at base plate w/ avg of 1/4" section loss, most severe at E bent. All base plates w/ up to 1/4" pitting & minor rust of anchor bolts & nuts.

13: BOTH ABUT: Up to 2" settlement btw panels. Mod vegetation from jts.

SUPERSTRUCTURE

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 102.01	Ramp E Underpass (I-295 Toll plaza)	INSPECTOR(S): BRD AGP
	STR NO.: 6322		INSPECTION DATE: 06/09/2016

- 1: BOTH ABUT: Mod/hvy corrosion. Hvy rust accumulation btw sole pl and masonry pl. Isolated anchor bolts exposed at pedestal spalls.
- 2: Mod/hvy corrosion to beam bot flange over toll lanes. Mod corrosion throughout top flange on fascia beams.
- 4: Faded and chalky throughout. Failed at brgs, steel caps and isolated areas along gird bot flgs.

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 102.5	I-295 Southbound Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 6323		INSPECTION DATE: 06/09/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	6	2. Steel Work	6
3. Condition Below	6	3. - Seat	6	3. Collision Damage	7
4. Curbs	11	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	6		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	6	12. Fencing	11		
13. Approaches	6	13. Slope Pavement	7		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	6
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: RIGHT LANE: Minor rutting. 3'L x 1.5"W break-up/delam in span E2. BOTH SHLD: Scattered areas of plow damage to pvmt wedge.
 3: ALL BAYS: Widespread but minor mc throughout w/ scattered areas of honeycombing. Isolated damp areas w/ minor delam near abut. BAYS N1 & S1: Scattered transverse cracks w/ eff. E ABUT: Bay N2 w/ 7"L x fw delam along end diaph & 2'-6"L x 3'-0"W delam w/ 1.5"D spalling w/ exp reinf. Bay N3 w/ 7'L avg x fw delam. Bay S2 w/ 7'L avg x fw delam w/ 1' dia x 1.5"D spall w/ exp reinf. BAY S2 NEAR W PIER: Area of extensive minor mc w/ moist, dampness and eff. Minor delam above embankment. W ABUT: 6"L x up to 8.5"H spalling of edge of deck along deck jt in bays N2-N4. BOTH OVERHANGS: Scattered trans cracks w/ eff.

7: BOTH PARAPETS: Occasional minor vert crks, some w/ eff. S PARA: 3"L x 5"H x 1.5"D spall adj to vert paraffin jt near pier E1.

12: BOTH JTs: Mod wear throughout. E JT: E (trailing) side of finger jt armor in right lane +/- 1/4" higher than W side w/ minor plow gouges in travel lane. W JT: Finger jt +/- 1/2" higher on appr side x fw.

13: BOTH APPR: Scattered mod trans crks in S shld extending to right lane. E APPR: Up to 14"L pvmt break-up along jt in S shld. NE endpost w/ minor spall due to collision damage. W APPR: Minor trans crks along deck jt in right lane & shld.

SUBSTRUCTURE

1: NW WW: 8"L x 20"H x 2.5"D spall w/exposed reinf on E face. Minor map cracking at abut.

2: BOTH ABUT: Mod rust staining from deck jts. Isolated minor spalls at jt armor. E ABUT: 20"L x 14"H x 3"D spall w/ exposed reinf at N end. 4'-7"H x 7"L x 3.5"D spall w/ exposed reinf adj to girder S3. 2'L x 2'H x 2.5"D spall in bay S2. W ABUT: 1' dia delam in bay S3.

3: BOTH BREASTWALLS: Scattered minor vertical cracks including pedestals w/rust staining. E BREASTWALL: 2'-3"L x 6"H x 2.5"D spall at S end w/ exp reinf. W BREASTWALL: 1/32"W horiz crk throughout, isolated areas of mod st. 1'-3"L x 6"H x 2.5"D spall w/ exp reinf near gird S1. 1'L x 1'H delam in bay S1. 1'-8"L x 8"H x 1.5"D spall w/ exp reinf near gird S2.

7: ALL COLS: Minor mc w/ areas of minor to mod delam, particularly around repairs (up to 2.5'H). Isolated cols w/ 2'L x 6"H delam at top. E & W PIERS: Standing water around bases due to drainage swale.

13: BOTH ABUT: Minor heaving and settlement at panel joints at isolated locations. Minor vegetation at jts. Bases w/ hvy debris accumulation, mod vegetation and standing water.

SUPERSTRUCTURE

1: BOTH ABUT: Minor rust of fascia brg anchor bolts. E ABUT: Most brgs w/ 1/8" gap at btw sole pl and elastomeric brg. Isolated brgs w/ 1/8" tilt to NE.

2: ALL GIRDS: Scattered areas of minor corrosion w/ small areas of mod corrosion over roadway at girder bottom flgs and splice locations. Bottom flg splice plates w/+/- 1/2" impacted rust, mainly at edge of

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 102.5		INSPECTOR(S): BRD AGP
	STR NO.: 6323	I-295 Southbound Underpass	INSPECTION DATE: 06/09/2016

bottom flange gap. Girders and diaphragms exhibit minor section loss below finger joints heavier at bottom of stiffeners on expansion joint side.

3: Minor bottom flange scrapes on girders N1-N3 over SB.

4: Isolated paint loss to girder bot flanges over rdwy and to girder and diaphragms at abutments.

HNTB Corporation

BRIDGE

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 104.6	Northern Avenue Overpass (Northbound)	INSPECTOR(S): BRD AGP
	STR NO.: 0551		INSPECTION DATE: 06/08/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	13
2. Condition Above	13	2. - Backwall	13	2. Steel Work	11
3. Condition Below	13	3. - Seat	7	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	7
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	13		
12. Deck Joints	11	12. Fencing	7		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	13
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Minor fw trans crk along interface w/ appr pvmt. Minor rutting in both lanes.

7: BOTH PARAPETS: Isolated full perimeter hlcs.

13: S APPR: Minor rutting in both lanes. N APPR: Minor transverse cracks in E shld and both lanes. NW ENDPOST: Minor spall at rail pocket due to collision damage.

SUBSTRUCTURE

1: TYP: Minor map cracking scattered throughout w/ staining and light eff.

3: BOTH BREASTWALLS: Numerous minor vert crks at top w/ mod staining and eff. Isolated minor vert crks elsewhere. E face w/ extensive minor mc w/ moist throughout, some mod eff. N

BREASTWALL: Several minor spalls at E end. S BREASTWALL: Minor spall at E end.

12: SE FENCE: One clf section above ww missing top rail. Gate unlocked.

SUPERSTRUCTURE

5: Prestressed voided slabs. Minor bot corner spalls at NE and SE corners. Isolated long jts w/ minor eff. BOTH FASCIAS: Grout ports w/ minor mc w/ moist and eff. Minor diag/horiz crks w/moist and eff extending from grout ports. W FASCIA: Scattered minor horiz crks w/ moist.

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2016

Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 104.61	Northern Avenue Overpass (Southbound)	INSPECTOR(S): BRD AGP
	STR NO.: 6494		INSPECTION DATE: 06/08/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	13
2. Condition Above	13	2. - Backwall	13	2. Steel Work	11
3. Condition Below	13	3. - Seat	6	3. Collision Damage	11
4. Curbs	11	4. - Erosion	11	4. Paint	11
5. Median	11	5. - Settlement	11	5. Misc.	7
6. Sidewalk	11	6. Piers - Caps	11		
7. Parapet	7	7. - Columns	11		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	13		
12. Deck Joints	11	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	13
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	6
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

1: Minor fw trans along interface w/ appr pvmt. Minor rutting in both lanes.

7: BOTH FASCIAS: Minor eff, moisture and staining from horizontal jt btwn voided slabs and parapet at paraffin jts.

13: BOTH APPR: Minor rutting in both lanes. SE ENDPOST: 1.5'L x up to 6"H x up to 5"D spall at rail pocket due to collision damage.

SUBSTRUCTURE

3: BOTH BREASTWALLS: Several minor vert crks at top w/ mod eff and staining. Isolated minor fh vert cks. Mod mc at ends w/ areas of mod rust staining, particularly N abut. W face w/ extensive minor mc w/ moist throughout, some mod eff & rust staining. S BREASTWALL: S face w/ 1'L x 1'W delam at W end & 2'L x 1.5'H delam under W2. W face w/ 10"L x 11'H delam adj to W cj. N BREASTWALL: 1'L x 2'H delam above weephole at S end. N CLOSURE WALL: Top w/ 7"L x 1.5'H x up to 7"D spall at W end under E1.

SUPERSTRUCTURE

5: Prestressed voided slabs. Isolated long jts w/ minor eff. BOTH FASCIAS: Grout ports w/ minor mc w/ moist and eff. Minor diag/horiz crks w/ moist and eff extending from grout ports. W FASCIA: Scattered minor horiz crks w/ moist.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 7		MILE: 106	Maple Street Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0552			INSPECTION DATE: 06/08/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	7
3. Condition Below	10	3. - Seat	7	3. Collision Damage	11
4. Curbs	6	4. - Erosion	6	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	6	7. - Columns	10		
8. Railing	6	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	6	11. Debris on Seats	8		
12. Deck Joints	6	12. Fencing	6		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	10
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	10
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

2016: Superstructure replacement & substructure repairs.

DECK

- 1: BOTH ABUT: Potholes forming along jt and exposing top of deck. SPAN E2: Two 2.5'L x 2.5'W areas of delam/break-up, one w/ full depth pothole exposing top of deck.
 2: W ABUT: Minor spall at full depth potholes.
 3: ALL BAYS: Timber shielding throughout. Isolated minor spalls throughout, some w/ exp reinf. Numerous deck repairs over rdwy. Isolated minor incipient spalls in E and W spans. E ABUT: 2.5"D edge of deck spalling along jt armor in bay S1. BEAM S1 OVER SB: Minor spall over travel lane. N1 haunch spalled at median pier. N OVERHANG: Minor spalling adj to flg throughout.
 4: BOTH CURBS: Moderate scaling throughout.
 7: BOTH PARAPETS: Moderate scaling throughout. Isolated minor full perimeter crks.
 8: BOTH RAILINGS: Failed paint system throughout w/ minor rust.
 11: Conduit along beam S2 full length. W ABUT: Abandoned junction box at N end w/ missing cover & exposed wires.
 12: W JT: Seal w/ isolated tears and slightly protruding above jt armor at center. Jt armor w/ minor plow damage.
 13: ENDPOSTS: Areas of minor/mod spalls due to impact damage. Minor crks throughout. Areas of mod scaling, particularly NW endpoint. PAVEMENT: Mod long crk in center.

SUBSTRUCTURE

- 1: ALL WW: Isolated hlcs.
 2: BOTH ABUT: Minor map crkg throughout, some w/ rust staining. Isolated minor spalling.
 3: BOTH ABUT: Scattered minor crks and minor spalls in seat and breastwall. Pedestals w/ minor crks at anchor bolts on both sides.
 4: Minor erosion observed at E abut, W pier at N and S sides, E pier at N side.
 6: TYP: Small areas of eff, scaling and small spalls w/ exposed reinf.
 7: Repairs in progress. TYP: Mod map crk'g w/ moisture and small areas of eff. ALL RDWY FACES: Delam along gradeline varying from 6'H at end to 3'H at center w/ isolated areas of mod spalling w/ exposed reinf, center shaft up to 7.5'H. W SHAFT: 2'L x 3.5'H delam of W face at N end. E SHAFT: Freshly painted at time of inspection.
 12: NW wire fence down. SE wire fence damaged.
 14: TYP: No scuppers, jts are closed. Original gutters no longer req'd as intended.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 106		INSPECTOR(S): BRD AGP
	STR NO.: 0552	Maple Street Underpass	INSPECTION DATE: 06/08/2016

SUPERSTRUCTURE

1: ABUT BRGS: Minor corrosion. W ABUT: All brgs w/ minor abrasion dust.

2: TYP: Beam bot flgs in end spans w/ minor corrosion at locations of failed paint, heaviest at W span N side of bottom flg.

4: END SPANS: Paint system failure at beam bot flgs and lower web, particularly fascia beams. Similar at diaphs. Brgs w/ failed paint.

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 106.9	Litchfield Road Underpass	INSPECTOR(S): BRD AGP		
	STR NO.: 0553		INSPECTION DATE: 06/08/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	8	2. Steel Work	8
3. Condition Below	8	3. - Seat	8	3. Collision Damage	11
4. Curbs	8	4. - Erosion	8	4. Paint	8
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8	FHWA Ratings	
7. Parapet	11	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8	58. Overall Deck Rating	8
12. Deck Joints	7	12. Fencing	8	59. Overall Superstructure Rating	8
13. Approaches	8	13. Slope Pavement	11	60. Overall Substructure Rating	8
14. Fencing	8	14. Drainage Gutters	11	61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: BOTH SHLD: Map hlc of coating adj to curbs.

3: BOTH OVERHANGS: Numerous trans hlcs w/ minor eff in spans W2 & W3, scattered elsewhere.

4: BOTH CURBS: Scattered full perimeter hlcs, typ near rail posts.

8: BOTH RAILINGS: Isolated rail splices w/ 1/4" lateral misalignment.

12: W JT: Asphaltic plug jt in WB lane w/ up to 17"L areas of exposed aggregate & one location of 17"L separation along wearing surface. E JT: Filled w/ sand.

SUBSTRUCTURE

2: E ABUT: Top at rdwy w/ scattered trans hlcs. W ABUT: Isolated vert hlcs, some w/ minor eff.

3: BOTH ABUT: Isolated vert hlcs extending across seat. W ABUT: Horiz hlc w/ minor moist at S corner.

7: ALL SHAFTS: Isolated areas of minor rust staining. MEDIAN SHAFT: W face w/ isolated areas of map hlcs at S end.

SUPERSTRUCTURE

1: BOTH ABUT: All anchor bolt nuts backed off up to 3/8" from washer, adhesive in place at top of nuts. Scattered cors of the elastomeric brgs w/ 1/16" gap btwn brg & bridge seat.

4: Weathering steel. Beam ends at E abut painted.

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 106.94	Vaughn Brook	INSPECTOR(S): BRD AGP
	STR NO.: 0556		INSPECTION DATE: 06/08/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	11	1. Abutments - Wings	7
2. Condition Above	11	2. - Backwall	11
3. Condition Below	11	3. - Seat	11
4. Curbs	11	4. - Erosion	11
5. Median	11	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	11
7. Parapet	11	7. - Columns	11
8. Railing	11	8. - Scour	7
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	11
12. Deck Joints	11	12. Fencing	5
13. Approaches	11	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings	
		58. Overall Deck Rating	11
		59. Overall Superstructure Rating	11
		60. Overall Substructure Rating	11
		61. Overall Channel Rating	6
		62. Overall Culvert Rating	7

Two cell box culvert. Refer to the most recent Underwater Inspection Report for additional information.

SUBSTRUCTURE

1: ALL WWs: Mod eff at vert cj w/ culvert. NW WW: Minor diag crk w/ mod eff.

12: Wire fence is generally damaged.

61: Minor/mod embankment erosion upstream and downstream. Rip rap on embankments adj to culvert. UPSTREAM AT NW END: Mod aggradation & fallen tree adj to embankment. BOTH CELLS: Minor channel debris. N CELL: 4"D sediment on base slab throughout.

62: BOTH CELLS: 1/2"D abrasion x up to lower 3' of walls. Light eff from roof slab/wall horiz cj. Scattered crk repairs in walls & roof slab. Isolated minor vert cks w/ eff in walls. N and S walls w/ minor crks w/ mod eff and moist at W end. HEADWALLS: Minor long crks.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 107.7	INSPECTOR(S): BRD AGP
	STR NO.: 0554	INSPECTION DATE: 06/08/2016

Central Street Overpass (Northbound)

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	4
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	5	3. - Seat	7	3. Collision Damage	6
4. Curbs	6	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	11	7. - Columns	7		
8. Railing	7	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	6		
12. Deck Joints	7	12. Fencing	7		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	8	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	5
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: ALL BAYS: Numerous trans crks w/ eff in span S2, scattered in end spans. SPAN S2: Fascias w/ numerous minor spalls. Bay E2 w/ two 4" dia delams above WB. SPAN N1: 6"L x 16"W delam in bay E2 at midspan. BOTH OVERHANGS: End spans w/ numerous mod/hvy spalls w/ exposed reinf and adj delam. Span N1 most severe w/ 12"W x up to 3"D spalling throughout.

4: BOTH CURBS: Fascia w/ isolated up to 1/16"W horiz crks, some w/ mod/hvy st. Top w/ numerous long hlcs throughout. W FASCIA: 1.5'L x 5"H x 1.5"D spall at N abut.

12: S JT: Mod wear of asphaltic plug jt. Minor pothole in travel lane.

13: S APPR: Minor spalling of curbs due to plow damage. E endpost w/ minor spall due to collision damage. E guardrail w/ mod collision damage of 5 sections. N APPR: Pvmt along jt w/ minor rutting.

SUBSTRUCTURE

2: BOTH ABUT: Mod rust staining from deck jt throughout. N ABUT: Minor spall at E end.

3: BOTH ABUT: Isolated minor vert crks. Pedestals w/ minor corner spalls & 1/16"W crks at anchor bolts. S ABUT: Breastwall in bay E1 w/ horiz hlc w/ adj 3'L x 1'H delam. N ABUT: Brg W1 masonry pl w/ 1" undermining due to pedsetal spall.

6: S PIER: Cantilever undersides w/ minor trans crks at end and shaft.

7: S SHAFT: 1'L x 6"H delam at base under gird W3.

11: S ABUT: Hvy liquid asphalt accumulation in bay W1.

SUPERSTRUCTURE

1: BOTH ABUT: Mod/hvy corrosion of all components. S ABUT: Brgs E1, E2 and E3 vibrate and creak under hvy live load. Isolated brgs w/ minor abrasion dust. N ABUT: All keeper plates are either missing or severely deteriorated. Excessive vibration and creaking of brgs E2, E3 and E4 under hvy live load. Brg E2 pumping under live load and sole pl shifed 9/16" to W. Brg E3 sole pl shifted 5/16" to W and lifted 1/4" due to rust accumulation btwn sole pl and rocker.

2: N ABUT: Lower gird web above brg with 1/8" loss x 5"H or 3/16" loss x 3"H. Hvy web section loss to gird web beyond brg stiffener including 100% loss x up to 2"H x up to 3"L. Stiffeners w/ hvy loss to lower 3". East brg stiffeners at girders E1 and E2 with 100% section loss x 1.5"H x 2.5"W at bot. S ABUT: Minor section loss to lower 3" of gird web above brg and lower portion of brg stiffener. Mod section loss to gird web beyond edge of brg, isolated pinholes. FASCIA GIRDS: Mod rust to bot flg and web. ALL SPANS: Girds E2 & E3 with mod abrasion dust btwn top flg & deck, particularly gird E2.

3: E FASCIA GIRD SPAN S2: Minor collision scrapes on underside of bot flg. E half of bot flg at midspan/sign w/ 12"L x 1"H bend above WB lane.

4: Paint system failure at girder ends, brgs at abut, end diaph and fascia girders bot flg and lower web throughout. Remaining paint is chalky.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 107.71	Central Street Overpass (Southbound)	INSPECTOR(S):	BRD AGP	
	STR NO.: 1501		INSPECTION DATE: 06/08/2016		
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	5	3. - Seat	7	3. Collision Damage	11
4. Curbs	7	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	11	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	7		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	8	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	5
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	7
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

3: ALL BAYS: Numerous trans crks w/ light eff throughout. CENTER SPAN: 6"L x 4"Wx 1"D spall w/ exposed reinf in bay E2 over N shoulder. N SPAN: 3'-9"L x 1'W delamination in bay E2 adj to end diaphragm. 1'-6"L x 1'W delam in bay E3 near abut. BOTH OVERHANGS: Hvy spalling w/ rs and hvy staining in end spans. SPAN S2 FASCIAS: Numerous minor spalls. Isolated minor cracks w/st.

12: BOTH JTS: Mod wear. Minor trans crks and spalls in binder (asphaltic plug jt). Evidence of small areas of leakage below.

13: TYP: Pvmt has random minor transverse and longitudinal cracks. Minor spalling to endpost curbs due to plow damage. N. APPROACH: Minor scrapes/gouging to NW endpost.

SUBSTRUCTURE

1: ALL WWs: Minor mc throughout, painted over.

2: BOTH ABUT: Scattered areas of rust staining.

11: BOTH ABUT: Minor debris accumulation.

SUPERSTRUCTURE

1: BOTH ABUT: Minor/mod corrosion of bearings.

2: ALL GIRDS: Minor/mod corrosion scattered throughout at bot flg, mod at fascia girders. BOTH ABUT: Light/mod corrosion of girder ends at bottom of web and stiffeners. N ABUT: Gird E2 w/ 1/8" section loss to lower 2" of web and brg stiffeners on both sides. Gird W2 w/ 2" dia corrosion hole in bot of web on N side of brg stiffener & 1/8" loss to lower 1 1/2" of W stiffener. S ABUT: Girder W1 exhibits 2" dia corrosion hole in web beyond bearing.

4: Numerous areas of peeling/flaking paint along gird top and bot flgs, stiffeners and diaphragms. Scattered on gird webs. Heavier on fascia girders.

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Inspection Field Report

HNTB Corporation

SECTION 7		MILE: 108.3	Winthrop Road Underpass		INSPECTOR(S): BRD AGP
		STR NO.: 0555			INSPECTION DATE: 06/08/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	6	1. Abutments - Wings	7	1. Bearing Devices	6
2. Condition Above	13	2. - Backwall	6	2. Steel Work	7
3. Condition Below	5	3. - Seat	6	3. Collision Damage	5
4. Curbs	6	4. - Erosion	7	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	4	7. - Columns	5		
8. Railing	6	8. - Scour	11		
9. Drains	11	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	5	11. Debris on Seats	7		
12. Deck Joints	5	12. Fencing	6		
13. Approaches	6	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	5
				59. Overall Superstructure Rating	7
				60. Overall Substructure Rating	5
				61. Overall Channel Rating	11
				62. Overall Culvert Rating	11

DECK

1: Minor full length long crk at center. W ABUT: 1'L x up to 1"D potholes along jt exposing jt header. WB w/ 4"L x 1.5'W x full depth & 5" dia x full depth potholes exposing top of deck. E ABUT: 1'L x 4.5'W x up to 1"D pothole in WB exposing jt header. BOTH SHLD: Up to 6"W delam along curbline.

3: ALL BAYS: Isolated trans crks. Numerous patched areas w/ apparent delam and minor spalling. Small spalled areas at haunches w/ exposed reinf. Numerous spalls +/- 1 sf w/ exposed reinf above travel lanes. 4" dia incipient spall at south overhang above NB left lane. SPAN W2: Bay S1 w/ 3 - 7"L x up to 3.5"W delams over SB right shld. Bay N2 w/ up to 10"L x 2'W delam above SB left lane & 6"L x 1.5'W delam above left shld. BOTH OVERHANGS: Frequent transverse crks w/ eff and small spalls w/ exposed reinf. BOTH FASCIA: Scattered vert crks w/ eff. S FASCIA AT MED PIER: Long crks w/ eff.

4: Minor scaling w/ occasional vertical cracks throughout. 3 of 4 corners adj to jt armor are spalled & cracked.

7: BOTH PARA: Numerous minor/mod full perimeter crks. Widespread mod scaling on top/fascia. S FASCIA: Two corner spalls w/ exposed reinf at top, undermining rail posts. One spall is over the median 6'-8" long x upper 18" x 7"W, one over NB Left Lane 14'-3" long x upper 18" x 8"W. Areas of 6"H delam below spalls w/ flaking conc.

8: Widespread peeling paint w/ light surface rust. Mod corrosion of multiple anchor bolts and nuts. Minor plow damage to several vertical support plates.

11: Abandoned utility conduit along beam N2 disconnected w/ exposed/cut wires at E abut. Minor corrosion to connections. Bent and disconnected from one support over SB in span W2.

12: BOTH JTs: Leaking. Seal is dislodged from extrusion in WB lane & backer bar dislodged in bays N1 & N2. W JT: Mod plow damage to jt armor in EB.

13: ENDPOSTS: Mod cracked w/ spalls & delam. E APPR: Minor deterioration w/ cracks & rutting. Transverse cracks along backwall. W APPR: 1'-6"L pvmt breakup along bkwl in EB lane.

SUBSTRUCTURE

1: ALL WWS: Minor crkg near abut.

2: BOTH ABUT: Map hlc w/ moist throughout. Mod rust staining throughout. Scattered areas of up to 3/4"D spalling.

3: BOTH ABUT: Scattered areas of minor spalling or minor crkg on breastwall and seat. Breastwall w/ map hlc w/ moist, particularly E abut. Pedestals w/ 1/16"W vert crks extending to anchor bolts and/or minor spalls.

4: W PIER: Minor erosion at N end.

7: ALL SHAFTS: N and S faces w/ extensive 1/32"W mc throughout & scattered up to fw x up to 2'H delams. E SHAFT: W face w/ fl x up to 7.5'H delam. MEDIAN SHAFT: E face w/ up to 5.5'L x 6'H delam at S end, 2'L x 2'H delam at middle & 2'L x 4'H delam at N end. W face w/ up to 3'L x 3.5'H delam at ends. W SHAFT: W face w/ scattered map hlcs for S half. Lower 2' of E face w/ 1/32"W horiz/map crks for fl. E face w/ 16"L x 1'H delam at S end & 1'L x 2'H delam at N end.

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Inspection Field Report

HNTB Corporation

SECTION 7	MILE: 108.3	Winthrop Road Underpass	INSPECTOR(S): BRD AGP
	STR NO.: 0555		INSPECTION DATE: 06/08/2016

12: SW fence down.

14: TYP: No scuppers adj abuts - closed jt system.

SUPERSTRUCTURE

1: BOTH ABUT: Minor/mod corrosion to brgs, heavier at fascia brgs. Brgs lifted up to 3/16" due to rust accumulation btwn rocker and masonry pl. Isolated brgs w/ abrasion dust. E ABUT: S1-S3 brgs contracted 3/4" at 60 degrees. W ABUT: Fascia brgs expanded up to 3/4" at 60 degrees.

2: TYP: Minor corrosion at areas of paint loss in end spans, similar at ends of girders.

3: SB: All girders above right lane w/ repairs due to impact, +/- <1" of sweep remains.

4: TYP: Scattered areas of paint loss typ at bottom flg in end spans.

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FALMOUTH SPUR

MILE FS 0.0 to MILE FS 3.7

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
Prepared by: HNTB Corporation**

SECTION: 8 Miles: FS0.0 to FS3.7

BRIDGE SUMMARY: Falmouth Spur

Repair Rating Notes: Deck Above/Wearing Surface: Either Wearing Surface or Condition Above rating Substructure Concrete: Average of Abutment Wingwalls, Backwall, Seat, Pier Caps, and Columns	Hand rails/Parapets: Average of Railing and Parapet
--	---

Mile Marker	Bridge Name	Over/Underpass	Approaches	Curbs	Railing/Parapets	Deck Joints	Deck Above/ Wearing Surf.	Deck Below	Steel Work	Bearing Devices	Paint	Collision Damage	Sub Concrete	Slope Pavement	Drainage Gutters	Overall Deck	Overall Substructure	Overall Superstructure	Overall Channel	Overall Culvert
FS0.30	Blackstrap Road Overpass/Falmouth Spur	O	6	8	8	7	7	8	6	7	6	6	7	11	11	8	7	6	11	11
FS0.40	MCRR Overpass (Eastbound)/ Falmouth Spur	O	7	8	8	7	8	8	6	7	6	11	8	11	11	8	7	6	11	11
FS0.41	MCRR Overpass (Westbound)/ Falmouth Spur	O	7	8	7	7	7	8	6	7	6	11	7	11	11	8	7	6	11	11
FS0.60	Auburn Street Underpass / Falmouth Spur	U	6	7	7	6	7	7	6	6	5	6	7	11	11	7	7	6	11	11
FS1.10	Presumpscot River (Eastbound) / Falmouth Spur	O	8	11	7	8	8	8	6	7	5	11	8	11	11	8	8	6	5	11
FS1.11	Presumpscot River (Westbound) / Falmouth Spur	O	7	11	8	8	8	8	6	7	5	11	8	11	11	8	8	6	5	11
FS1.60	Falmouth Rd Underpass / Falmouth Spur	O	7	11	7	7	7	7	6	7	5	6	7	11	9	7	7	6	11	11
FS3.60	Route 9 Underpass / Falmouth Spur	U	7	11	7	6	7	7	7	7	7	11	8	11	7	7	7	7	11	11

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Inspection Field Report

HNTB Corporation

SECTION 8	MILE: 0.3 STR NO.: 0363	Blackstrap Road Overpass/Falmouth Spur	INSPECTOR(S): KEB BRG INSPECTION DATE: 06/24/2016
DECK		SUBSTRUCTURE	SUPERSTRUCTURE
1. Wearing Surface	7	1. Abutments - Wings	8
2. Condition Above	13	2. - Backwall	7
3. Condition Below	8	3. - Seat	7
4. Curbs	8	4. - Erosion	8
5. Median	8	5. - Settlement	11
6. Sidewalk	11	6. Piers - Caps	7
7. Parapet	7	7. - Columns	7
8. Railing	8	8. - Scour	11
9. Drains	11	9. - Settlement	11
10. Lighting Standard	11	10. Misc	11
11. Utilities	11	11. Debris on Seats	8
12. Deck Joints	7	12. Fencing	8
13. Approaches	6	13. Slope Pavement	11
14. Fencing	11	14. Drainage Gutters	11
		FHWA Ratings 58. Overall Deck Rating 8 59. Overall Superstructure Rating 6 60. Overall Substructure Rating 7 61. Overall Channel Rating 11 62. Overall Culvert Rating 11	

DECK

4: BOTH CURBS: Minor plow scrapes.

7: BOTH PARAPETS: Minor vert crks w/ moist.

13: E APPR: Hvy trans crk fw of roadway adjacent to jt. 6"x6' pothole in east bound south lane. W APPR: Minor spall at NW end post.

SUBSTRUCTURE

3: TYP: Minor/mod vertical cracks throughout.

6: TYP: Map cracking at overhangs. E PIERS: Median cantilevers have areas of exposed reinf. that is painted over on E face.

7: TYP: Scattered vert hlc's.

SUPERSTRUCTURE

1: BOTH ABUT: One of the two anchor bolts is a smaller diameter, N2-N7 at W abut and N1-N6 at E abut. NE PIER: One or two anchor bolts bent typ. Brgs w/ excessive tilt W.

2: TYP: Mod corrosion at bottom flg at scattered locations throughout. BOTH ABUT: Top and bottom of exterior brg stiffener at fascia girders w/ small areas of hvy section loss - btw 1/4" to 3/8" remaining approx 3" high full width, less severe at interior stiffener. Bottom of web w/ 1/8" section loss to approx bottom 2" of web each side of fascia girders. E ABUT: Bottom 5 bolts at diaphragm on the north side of S7 are loose.

3: GIRD N1 OVER SB: Beam bent/warped w/ bottom flange deformation, approx 2" sweep. Occasional locations of high load marks.

4: TYP: Minor/mod peeling/flaking paint at fascia beams and along median joint w/ other localized areas.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 8	MILE: 0.4	MCCR Overpass (Eastbound)/ Falmouth Spur	INSPECTOR(S): KEB BRG
	STR NO.: 0364		INSPECTION DATE: 06/24/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	8	2. Steel Work	6
3. Condition Below	8	3. - Seat	7	3. Collision Damage	11
4. Curbs	8	4. - Erosion	8	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	7	7. - Columns	8		
8. Railing	8	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	8	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	8
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

7: TYP: Scattered vert hlcs.

13: E APPR: Mod transv cracks along jt.

SUBSTRUCTURE

3: BOTH ABUT: Frequent vert hlcs.

6: E Pier: Hlcs on underside of south hammerhead cantilever.

SUPERSTRUCTURE

1: ABUT BRG: Anchor bolts w/ occasional heavy tilt, likely drilled that way. PIER BRGS: Fascia brgs w/ minor surface corrosion.

2: GIRD S1 - S5: Localized areas of mod corrosion to ends of girder w/ minor/mod section loss, S1 most severe. GIRD S1 STIFF: Exhibit widespread mod corr w/ minor section loss.

4: Girder S1 and girder ends w/ localized areas of failed paint.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 8		MILE: 0.41	MCRR Overpass (Westbound)/ Falmouth Spur		INSPECTOR(S): KEB BRG
		STR NO.: 1467			INSPECTION DATE: 06/24/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	8	3. - Seat	7	3. Collision Damage	11
4. Curbs	8	4. - Erosion	11	4. Paint	6
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	8	11. Debris on Seats	11		
12. Deck Joints	7	12. Fencing	11		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		

FHWA Ratings

58. Overall Deck Rating	8
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

7: TYP: Rdwy faces w/ minor cracks w/ moist.

8: N RAIL AT WEST END: 4 consecutive rail posts w/ collision damage, two posts torn with one post separated from base pl.

13: ENDPOSTS: Minor plow scrapes and spalls. E APPR: Isolated minor trans crks. Gouges in guardrail from plow damage.

SUBSTRUCTURE

3: Frequent vertical hlcs.

SUPERSTRUCTURE

1: PIER BRGS: Fascia brgs exhibit minor surface corrosion. ABUT BRGS: Scattered bent anchor rods.

2: GIRD N1 - N5: Localized areas of mod corrosion to ends of girder w/ minor/mod section loss, N1 most severe. GIRD N1 STIFF: Exhibit widespread mod corr w/ minor section loss.

4: Girder N1 and girder ends w/ localized areas of failed paint.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 8	MILE: 0.6	Auburn Street Underpass / Falmouth Spur			INSPECTOR(S):	KEB BRG
	STR NO.: 0365				INSPECTION DATE: 06/23/2016	
DECK		SUBSTRUCTURE			SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings	7	1. Bearing Devices	6
2. Condition Above	13	2.	- Backwall	7	2. Steel Work	6
3. Condition Below	7	3.	- Seat	7	3. Collision Damage	6
4. Curbs	7	4.	- Erosion	11	4. Paint	5
5. Median	11	5.	- Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps	7		
7. Parapet	11	7.	- Columns	7		
8. Railing	7	8.	- Scour	11		
9. Drains	7	9.	- Settlement	11		
10. Lighting Standard	11	10. Misc		11		
11. Utilities	7	11. Debris on Seats		11		
12. Deck Joints	6	12. Fencing		5		
13. Approaches	6	13. Slope Pavement		11		
14. Fencing	8	14. Drainage Gutters		11		
					FHWA Ratings	
					58. Overall Deck Rating	7
					59. Overall Superstructure Rating	6
					60. Overall Substructure Rating	7
					61. Overall Channel Rating	11
					62. Overall Culvert Rating	11

DECK

3: INT BAYS: Infrequent cracks w/eff. OVERHANGS: Crks and light incipient spalls in end spans w/ frequent staining and moisture. Overhangs over rdwy have been repaired.

4: BOTH CURBS: Frequent minor long crks w/ moist.

8: W RAIL: Minor damage to the lower rail in span N2. E RAIL: SE corner of rail not flush with endpost surface.

11: Conduit vacant, disconnected at S abut.

12: BOTH JTS: Minor plow damage to armor. Seal appears dislodged. N JT: Several locations torn and leaking below.

13: Minor to moderate trans and long cracking of pvmnt. Mod collision damage to NE guardrail. BOTH APPR: Mod crks along backwall in NB lane. NE and NW APPR: curb w/ mod. settlement, SE w/ minor settlement.

SUBSTRUCTURE

3: TYP: Occasional minor transverse and vertical cracks. Brg pedestals are deteriorated but painted over.

6: Scattered hlc's w/ some map cracking. Heavier on median pier and cap cantilevers.

7: TYP: Minor cracking throughout.

12: Both E corners have collapsed.

14: Drainage gutter at S abut abandoned, filled w/debris.

SUPERSTRUCTURE

1: N ABUT: Moderate corrosion of all bearings, masonry plates, and anchor bolts. S ABUT: Moderate corrosion of fascia bearings. Interior bearings, masonry plates, and anchor bolts sim less severe to N abut.

2: GIRDER ENDS: Moderate corrosion w/ minor/mod section loss at bottom flanges and bottom of brg stiffeners, heavier at N abut. TYP: Mod/hvy corrosion of btm flange and lower portion of web in areas of paint failure, heavier over WB lanes.

3: GIRD E1: E flange bent up just S of N pier, above rt. shld WB. Scrape marks and bot flgs slightly bent above WB right lane.

4: Widespread areas of paint loss typically concentrated at bottom flange, webs and diaphragms, most severe over WB travel lanes.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 8		MILE: 1.1	Presumpscot River (Eastbound) / Falmouth Spur		INSPECTOR(S): KEB BRG
		STR NO.: 1468			INSPECTION DATE: 06/23/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	8	2. Steel Work	6
3. Condition Below	8	3. - Seat	8	3. Collision Damage	11
4. Curbs	11	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	8	7. - Columns	8		
8. Railing	5	8. - Scour	13		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	8		
13. Approaches	8	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	8
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	8
				61. Overall Channel Rating	5
				62. Overall Culvert Rating	11

Some comments from 2015 inspection w/ snooper. Refer to latest Underwater Inspection Report for additional comments.

DECK

8: S RAILING: Rail loose and 5 consecutive rail posts sheared at base due to plow/collision damage in span W2. 1 rail post sheared at base due to plow/collision damage in span W3.

12: BOTH JTs: Filled w/ sand.

13: E APPR: Endposts w/ minor spall at rail pocket.

SUBSTRUCTURE

2: BOTH ABUT: Isolated 1/32"W vert crks.

3: BOTH ABUT: Isolated vert HLCs.

4: Mod erosion (7' dia.) under N scupper in span W1.

6: ALL CAPS: Isolated map/vert hlcs.

7: ALL SHAFTS: 1/32"W mc. W2 SHAFT: Crk repairs at base of both faces.

8: See Underwater Inspection Report.

61: SPAN W3: Aggradation (rock accumulation). Fallen tree adj to pier W2 & middle of channel (partial restriction). BOTH EMBANKMENTS: Mod shoreline erosion.

SUPERSTRUCTURE

1: BOTH ABUT: Approx 1/8" bulging of elastomer btw steel laminates.

2: ALL BEAMS: Intersecting welds at bot flg cover plate transitions. Scattered splice bolts w/ minor surface rust. FASCIA BEAMS: Mod surface rust along bot flg and lower half of exterior face of web. Isolated exterior half of beam S1 bot flg w/ up to 7/16" loss x fw adj to web stiffeners (1" original thickness), particularly in span W2. Scattered exterior bot flg splice bolts w/ up to 40% nut loss. SPAN W1: Second diaph from pier W1 in bay S2 w/ mod bend. SPAN W2: Fh diaph at midspan in bay N1 w/ misaligned bot bolt row at beam N2 conn. SPAN W3: Beam S1 W splice w/ 5/8" impacted rust causing distortion/misalignment of bot flg splice plates.

4: FASCIA BEAMS: Failed paint system along beam bot flgs and lower half of exterior face of web. INT BEAMS: Numerous minor areas of failed paint.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 8		MILE: 1.11	Presumpscot River (Westbound) / Falmouth Spur		INSPECTOR(S): KEB BRG
		STR NO.: 0281			INSPECTION DATE: 06/23/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	8	1. Abutments - Wings	8	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	8	2. Steel Work	6
3. Condition Below	8	3. - Seat	8	3. Collision Damage	11
4. Curbs	11	4. - Erosion	8	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	8		
7. Parapet	8	7. - Columns	8		
8. Railing	8	8. - Scour	13		
9. Drains	8	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	8		
12. Deck Joints	8	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	11		
				FHWA Ratings	
				58. Overall Deck Rating	8
				59. Overall Superstructure Rating	6
				60. Overall Substructure Rating	8
				61. Overall Channel Rating	5
				62. Overall Culvert Rating	11

Some comments from 2015 inspection w/ snooper. Refer to latest Underwater Inspection Report for additional comments.

DECK

3: N OVERHANG: Numerous trans hlcs, some w/ moisture or eff. INT BAYS: Scattered trans hlcs.

7: BOTH PARA: Numerous full perimeter hlcs w/ moisture.

9: NW PVC PIPE SCUPPER: Failing caulk at rdwy.

12: BOTH JTs: Filled w/ sand.

13: BOTH APPR: 1/8"W trans crks along deck jt.

SUBSTRUCTURE

2: BOTH ABUT: Isolated 1/32"W vert crks.

3: BOTH ABUT: Isolated vert HLCs, some extending across seat.

6: ALL CAPS: Map hlcs.

7: ALL SHAFTS: 1/32"W mc. W2 SHAFT: Crk repairs at base of both faces.

8: See Underwater Inspection Report.

61: SPAN W3: Aggradation (rock accumulation). Fallen tree adj to pier W2 & middle of channel (partial restriction). BOTH EMBANKMENTS: Mod shoreline erosion.

SUPERSTRUCTURE

1: BOTH ABUT: Approx 1/8" bulging of elastomer btw steel laminates. Approx 1/4" contraction at 20 degrees.

2: ALL BEAMS: Intersecting welds at bot flg cover plate transitions. Scattered splice bolts w/ minor surface rust. FASCIA BEAMS: Mod surface rust along bot flg and lower half of exterior face of web.

4: FASCIA BEAMS: Failed paint system along beam bot flgs and lower half of exterior face of web. INT BEAMS: Numerous minor areas of failed paint.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 8	MILE: 1.6	Falmouth Rd Underpass / Falmouth Spur	INSPECTOR(S): KEB BRG
	STR NO.: 3686		INSPECTION DATE: 06/23/2016

DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments - Wings	7	1. Bearing Devices	7
2. Condition Above	13	2. - Backwall	7	2. Steel Work	6
3. Condition Below	7	3. - Seat	7	3. Collision Damage	6
4. Curbs	11	4. - Erosion	7	4. Paint	5
5. Median	11	5. - Settlement	11	5. Misc.	11
6. Sidewalk	11	6. Piers - Caps	7		
7. Parapet	7	7. - Columns	7		
8. Railing	6	8. - Scour	11		
9. Drains	7	9. - Settlement	11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	11	11. Debris on Seats	7		
12. Deck Joints	7	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	9		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	6
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

DECK

3: TYP: Scattered transv cracks w/ eff. Several weep drains at overhangs exhibit mod/hvy eff at ends.

7: TYP: Minor hlc crks with eff.

8: E RAILING: Minor collision damage on post N7, N8 and N9. W RAILING: Minor collision damage on post N12 and N13.

SUBSTRUCTURE

2: BOTH ABUT: Minor vert hlcs.

3: Occasional vert and horizontal hlcs.

7: TYP: Map cracking on all pier sides exposed to roadway (sealed 2014).

14: New gutters installed in 2014.

SUPERSTRUCTURE

2: TYP: Minor section loss to bottom flg and lower half of web above roadway, similar at N ends of interior girders.

3: Girder E2 w/ <1" +/- sweep over WB and EB lanes.

4: INT GIRDERS: Severe paint loss on up to 50% of girder bottom flg and bottom half of web above roadway, similar at all steel members adj jts.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

SECTION 8		MILE: 3.6 STR NO.: 6020	Route 9 Underpass / Falmouth Spur		INSPECTOR(S): KEB BRG INSPECTION DATE: 02/23/2016
DECK		SUBSTRUCTURE		SUPERSTRUCTURE	
1. Wearing Surface	7	1. Abutments	- Wings 8	1. Bearing Devices	7
2. Condition Above	13	2.	- Backwall 8	2. Steel Work	7
3. Condition Below	7	3.	- Seat 8	3. Collision Damage	11
4. Curbs	11	4.	- Erosion 11	4. Paint	7
5. Median	11	5.	- Settlement 11	5. Misc.	11
6. Sidewalk	11	6. Piers	- Caps 7		
7. Parapet	6	7.	- Columns 7		
8. Railing	8	8.	- Scour 11		
9. Drains	7	9.	- Settlement 11		
10. Lighting Standard	11	10. Misc	11		
11. Utilities	7	11. Debris on Seats	13		
12. Deck Joints	6	12. Fencing	8		
13. Approaches	7	13. Slope Pavement	11		
14. Fencing	11	14. Drainage Gutters	7		

FHWA Ratings

58. Overall Deck Rating	7
59. Overall Superstructure Rating	7
60. Overall Substructure Rating	7
61. Overall Channel Rating	11
62. Overall Culvert Rating	11

Bridge rehabilitated in 2015. Contract included drainage gutter and substructure repairs.

DECK

3: Scattered hlcs w/ eff and moisture at overhangs. INT BAYS: Occasional trans hlcs w/ mod eff.
 7: BOTH PARAPETS: Map cracking w/ moisture throughout.
 11: Utility supports exhibit areas of light rust.
 12: TYP: Minor to mod plow damage.
 13: BOTH APPR: Areas of existing pavement patch . ENDPOSTS: Map hlcs w/ moist throughout.

SUBSTRUCTURE

14: S ABUT: Mod spalls at joints btw sections.

SUPERSTRUCTURE

2: Areas of light rust developing between splice plates.
 4: TYP: Localized paint failure and rust on bottom flanges over roadways.

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Chapter C

Roadways - Mainline

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YORK

MILE 0.3 to MILE 20.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **0-1**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: mc, tc in mainline, tc and lc in shoulder.
2: mm0.7 flat damage, median rail tear. exit 2 off ramp non flat severely damaged.
7: sign missing at exit 2

MILE: **1-2**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Map cracking in shoulder w/ EOP raveling. shoulder pavement rated 6 at exit 3 nb on.
2: mm1.2 non flat. non flat at mm1.95. 3 lengths after need to be replaced.
3: EOP dropoff 0-3".
7: mm2 sign missing

MILE: **2-3**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	7
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Significant transv. cracking in shoulder, mostly crack sealed. lc and tc in mainline. eop raveling.
2: non flats and non terminal ends typ. damaged rail after flat mm2.05. mm2.25 damaged median rail.
3: excess material in median and shoulder.

MILE: **3-4**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Minor long. cracking between lanes 2 & 3. Transv. and long cracking in shoulder. Majority of cracks have been sealed. Edges of shoulder unraveling. trans cracks in mainline. potholes in shoulders mm3.8
2: Leading end GR damage w/ posts sheared at MM 3.9 RT. median rails low. mm3.5 non flat, shoulder rail low, excess material under rail. mm3.9 damaged median rail and non flat, excess material under rail.
3: excess material in median and rt shoulder.
7: rest area signs cracking.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **4-5**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long. cracking in shoulder. Majority of cracks have been sealed. Edges of shoulder unraveling. minor lc on mainline, some tc.
2: mm 4.9 non flat and some rail damage. excess material under rail. tear in rail at mm 4.5 rt, damaged post. non terminal end and kiw rail mm 4.6 rt.
3: EOP dropoff 0-3" mm 4.3 ditch erosion, excess material under rail.

MILE: **5-6**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long. cracking in shoulder. Some cracks sealed. Edge raveling. some lc tc in mainline.
2: excess material under rail in median. south cat at mm5.9 cracked post
3: excess material under rail
7: York 1 mile sign cracked and faded.

MILE: **6-7**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv., long. and map cracking in shoulders, some cracks sealed. EOP raveling. EOP broken up, map cracking in shoulders on exit 7 off ramp. lc starting to open up between lanrs.
2: Damaged GR on shoulder south of Cider Hill Road.
3: Minor areas of erosion. excess material under rail.

MILE: **7-8**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Some EOP raveling.
2: damaged rail thru eypass lane. damaged flat at mm7.7.
3: Erosion along EOP at MM 7.9 RT. standing water in nb on gore mm7.1. excess material in median and shoulder.
7: sign down departing eypass lane.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **8-9**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: mm8.1 median rail leaning, damaged cat posts mm8.8.
3: excess material in median and shoulder.

MILE: **9-10**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	9
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: Outside shlder rail low at MM 9.5.
3: Erosion at EOP at MM 9.1 RT.

MILE: **10-11**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: eop cracking.
3: excess material in median and shoulder.

MILE: **11-12**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: tc on shoulder.
2: mm 11.8 damaged median rail, mm11.85 damaged shoulder rail.
3: Erosion at EOP due to excess material on shoulder.
7: Lakes region sign cracked and faded.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **12-13**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: minor tc in shoulder.
3: excess material in median and shoulder.

MILE: **13-14**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Shlder has minor transv. cracks and lc. some tc and lc in mainline
2: mm 13.4 6 sections median rail damaged.
3: rt shoulder erosion at eop.
7: Ogunquit Town Line sign fading.

MILE: **14-15**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
2: mm 14.6 median rail damaged 3 lengths.
3: EOP dropoff 0-3". excess material under median rail.

MILE: **15-16**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Minor long. & transv. cracks. shoulder mc and lc.
2: GR damage at Ogunquit River at MM 15.1 RT.
3: EOP dropoff 0-3". excess material in media. some sideslope erosion.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **16-17**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Shlder has isolated map cracking.
3: EOP dropoff 0-3", some sideslope erosion. mm16.5 median basin outlet infilled.
7: Emergency stopping only sign cracked.

MILE: **17-18**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Some transv. cracks forming in lane 1 extending into lane 2. Shlder has transv., map and long. cracking.
3: EOP dropoff 0-3",some sideslope erosion. erosion and rilling over several culverts.

MILE: **18-19**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Shlder has isolated transv., long. and map cracking. Cracks forming in lane 1.
3: Erosion at MM 18.4 RT near GR end. EOP dropoff 0-3".

MILE: **19-20**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Shlder has transv., long. and map cracking. some to mainline.
2: non flat at mm19.5, excess material at mm19.5 to 6 rt. pavement does not drain effectively to crest of hill.
3: EOP dropoff 0-3". sideslope erosion between 19 ramps.
7: Warning sign at RR bridge cracking at MM 19.0. RT.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **18-17**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. and transv. cracking, mostly in shoulder.
- 2: Leading and trailing end GR post broken at MM 17.8

MILE: **17-16**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. & transv. cracking in shoulder, minor EOP dropoff.
- 3: Areas of minor erosion.

MILE: **16-15**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. & transv. cracking in shoulder & along EOP, Some minor EOP dropoff.

MILE: **15-14**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. cracking beginning in shoulder(minor) & transv. in mainline.
- 2: Fleat damaged at MM 14.8 RT, MM 14.6 median rail damaged (46+50), MM 14.2 median rail damaged.
- 3: EOP dropoff 0-3", Minor slope sloughing.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **14-13**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Rating is for MM 14 to MM 13.4. Long. & transv. cracking. Shlder. pavement deteriorating.

2: MM 13.5 CAT missing delineator, MM 13.4 north CAT damaged. MM 13.5 median GR damaged (7-8 lengths).

3: EOP dropoff 4", Excessive material in median.

MILE: **13-12**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: LC B/w ML & shoulder.

3: EOP drop 2", excess material in median.

5: Broken Delineator 12.4.

MILE: **12-11**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

3: EOP dropoff 0-3". Sink hole behind rail at MM 11.8, excessive material in median. Rilling @ mm 11.7.

MILE: **11-10**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

3: Excess material in median.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **10-9**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. cracking in shoulder.
3: Minor truck rutting of gravel at EOP, some rilling, EOP dropoff. Excess material in median.

MILE: **9-8**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: MM 8.8 trailing & leading median CAT ends damaged, MM 8.7 median GR damaged.
3: Minor truck rutting of gravel at EOP, excess material in median.

MILE: **8-7**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. & map cracking w/potholes at MM 7.2.
2: Leading & trailing ends damaged at MM 7.3 RT. GR damaged everywhere @ plaza; Terminal END/trailing END damaged @ 7.2
3: Mod. erosion of gravel adjacent to shoulder, MM 7.7
7: 1 Shoulder @ gore severely cracked, potholes, standing water.

MILE: **7-6**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Shoulder: significant transv. and map cracking. EOP raveling & large pothole at Exit 7 sign. Long. & Trans. cracks starting at mainline.
3: EOP dropoff occasional 0-3". Slope ends on MM 6.7, Excess material on right shoulder and median.

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Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **6-5**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and map cracking in shoulder. EOP raveling, LC/TC in mainline. MM 5.1 - EOP dropoff 4".
- 2: Rail low in places. MM 2.5 flat post & rail damaged = 300'.
- 3: Excessive material in median, EOP dropoff.

MILE: **5-4**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Minor transv. cracking. Some long., transv. and some map cracking in the shoulder. EOP raveling. Long seam developing at the lane/shoulder interface. LC/TC in mainline, EOP dropoff 3".
- 2: Median rial low in places. Non Fleet @ MM 4.2.
- 3: Excess material in median & Rt. shoulder.

MILE: **4-3**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long. cracking in shoulder. Some EOP raveling w/potholes, TC in mainline. Potholes in shoulder MM 3.9.
- 3: Excessive material in median & Rt. shoulder.

MILE: **3-2**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long. cracking in shoulder, TC in mainline, seam opening b/w ML & SHLD.
- 2: MM 2.7 south CAT damaged, MM2.4 median SHLD damaged to GR.
- 3: Excessive material in median & Rt. SHLD.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

ROADWAYS

MILE: **2-1**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. & transv. crack at Exit 2 gore & in shoulder.
2: MM 2.25 Rt. shoulder non flat.
3: EOP Dropoff 3".

MILE: **1-0**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. & transv. cracking in shoulder w/ some potholes. EOP raveling.
2: MM 0.95 Non-flat Rt. shoulder. MM 0.5 Damaged median rail.
7: MM 0.95 Yield sign damage.

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **20-21**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: median pavement net under rail at mm 20.7 heaving.
2: mm 20.8 rt 4 lengths rail damaged. rail and post damaged mm 20.7 median. 20.8 shoulder rail damaged
3: Rilling at MM 20.2 and 20.3 RT. EOP dropoff 0-4". Rutting in gravel shoulder.

MILE: **21-22**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracks forming in lane 1.
3: EOP dropoff 0-3". Ditch erosion in northern limits of Merriland River. Rilling at MM 21.8 RT. mm21.2 shoulder erosion.

MILE: **22-23**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: mm22.0 to 22.3 ad 22.7, and 22.9 median pavement under rail is heaving.
3: EOP dropoff 0-7". Gravel rutting & erosion in areas. mm22.6 ditch erosion. mm 22.8 slope erosion.

MILE: **23-24**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	7	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: pavement under rail is heaving misc. locations.
2: median rail high 23.1.
3: EOP dropoff 2-5".sideslope erosion 23.3. sideslope erosion 23.95.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **24-25**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	7	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

3: EOP erosion & dropoff 2-6". sideslope erosion 24.1, excess material rt shoulder.mm34.5 sideslope erosion. sideslope erosion near cat mousam.

MILE: **25-26**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	7	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv., long. cracking & spalling in shoulder.
3: Slope damage at EOP near the Kennebunk Maintenance yard entrance ramp. EOP dropoff near service plaza 0-3". sideslope erosion at motel. excessive material in service area gore and rt shoulder at plaza.
5: Delineator at Kennebunk Service Area entrance gore bent & split.

MILE: **26-27**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. cracking in shoulder.
2: fleat after the Eastern Trail bridge shoe high should be reset, some offset blocks missing.
3: Areas of gravel rutting adjacent to shoulder. EOP dropoff 0-3". Some erosion near culverts. mm26.05 sideslope erosion.excessive material under rail. erosion after eastern trail bridge.
7: MM 26 sign deteriorating circa 1993.

MILE: **27-28**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. cracking in shoulder.
2: mm27.2 fleat post broken.
3: EOP dropoff 0-3". EOP dropoff in median 0-8". Some areas of rutting & erosion. mm27.95 erosion and excessive material under rt rail.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **28-29**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

3: Minor sideslope erosion. EOP dropoff 2-5".mm 28.5 rutting in sideslope

MILE: **29-30**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. cracking in shoulder. pavement heaving under some median rail.
3: EOP dropoff 2-5". Some rilling in areas. backslopes rutted from mower.
7: zom sign on Park and ride sign faded.

MILE: **30-31**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: lc with minimal tc, Long cracking in shoulder.
2: MM 30.3 median rail damage.
3: Shoulder erosion at Old Alfred Road. EOP dropoff 0-2". excess material mm 30.9 under shoulder rail.
7: Saco Conference Center sign cracked and faded.

MILE: **31-32**
NB

INSPECTION DATE: **05/04/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Patches of rough pavement. Pothole in shoulder. Transv. & long. cracking in shoulder/ on ramp merge lane.
2: Damaged Fleet strut, flattened rail and damaged rail at Biddeford off ramp.
3: EOP dropoff 0-2". Areas of erosion. mm 31.3 and 31. 8 material under rail.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

**MILE: 32-33
NB**

**INSPECTION DATE: 05/05/2016
INSPECTOR(S): HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	9
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

- 1: Transv. & long. cracking. mm32.4 median pavement dropoff severe and heaving.
- 2: Median rail often low. Trailing end damaged at MM 32.2 RT.
- 3: EOP dropoff 0-3". Erosion near MM 32.2 RT beginning to undermine pavement. excess material under rail. ditch erosion mm32.7.
- 8: standing water in median mm32.8

**MILE: 33-34
NB**

**INSPECTION DATE: 05/05/2016
INSPECTOR(S): HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

- 1: Debris in shoulder near Saco River Bridge.
- 2: Median rail often low. Collision damage at MM 33.3 LT. Rail damaged under Boom Road.
- 3: EOP dropoff in median 0-3".mm33.2 excess material under shoulder rail.
- 8: mm 33.6 water in median.

**MILE: 34-35
NB**

**INSPECTION DATE: 05/05/2016
INSPECTOR(S): HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

- 1: Transv. & long. cracking. Pavement rutting in median shoulder at MM 34.9 LT.
- 2: Median rail often low.mm34.1 north cat posts damaged.
- 3: EOP dropoff 0-4". Erosion near MM 34 RT. excess material under median rail. rail damaged after fleet at saco conf ctr off ramp.

**MILE: 35-36
NB**

**INSPECTION DATE: 05/05/2016
INSPECTOR(S): HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	6
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

- 1: Long. crack through rumble strip & areas of transv. cracking. exit 36 off ramp in poor condition.
- 3: excess material under median rail and shoulder rail. recent ditch maintenance but did not stabilize.
- 7: exit 36 sign panels coming off due to damage.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **36-37**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Map, transv. and long. cracking at Exit 36 NB on ramp gore. Occ. transv. cracks. Rutting in median shoulder at MM 36.5. Significant lc and tc. pothole lane 3 mm36.5. pavement failing under median rail mm36.5.
2: GR low in areas.
3: Erosion near MM 36 to 36.2 RT. excess material in median, some standing water, excess material, under shoulder rail.
5: Several reflectors missing from delineator posts.
8: mm 36.9 standing water in median.

MILE: **37-38**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Occ. transv. cracks. Long. cracks in shoulder. lots of excess material and lifted pavement in median, excess material in shoulder. tc and lc in mainline.
2: mm 37.7 shoulder rail damaged.
3: EOP dropoff 0-2".

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **36-35**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. & transv. cracking, pavement failing in many locations. Paved median north & south of rt. 112 is full of potholes and failing, potential hazard.
2: MM 35.8 median rail low. MM 35.7 Fleat end damaged. GR. low in median.
3: Excess material in median and Rt. shoulder.

MILE: **35-34**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	7	7. Sign	9
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transverse cracks forming. Median pavement heaving.
2: Rail low or high in a few locations. Some minor damage. CAT dmed 34.1 crossover. Fleat post damaged 34.05.
3: Excess material @ EOP Rt. shoulder & median.

MILE: **34-33**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transverse cracks forming. Outside shoulder entering and exiting the Saco River bridge is severely map cracked, some sealed. Pothole on Saco River Bridge right lane.
2: Rail low in the median. Damaged rail on right next to "Sanford Region" sign. Damaged rail @ MM 33.2 Park-n-ride sign. MM 33.3 GR post down, fleat posts minor damage.
3: Excess material in median & Rt. shoulder EOP.

MILE: **33-32**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	8	7. Sign	9
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transverse cracks forming.
2: GR low in many sections.
3: Excess material in median EOP & shoulder EOP (RT.) MM 32.4 NB median EOP dropoff 6"+.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **32-31**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	7
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

3: Excess material under shoulder GR and median.

7: MTA sign faded.

8: 3rd light post north of Route 111 missing base plate cover.

MILE: **31-30**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Stet Contract Area starting at 30.3.

OBSERVATIONS:

ROADWAY DATA

3: Excess material under GR.

MILE: **30-29**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

MILE: **29-28**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

3: Excess material under Rt. shoulder GR.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **28-27**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	9
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: GR damage north of Kennebunk River Bridge on right.
3: Pavement damage under median rail N/O Kennebunk River.

MILE: **27-26**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	9
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long cracks in old shoulder.
2: GR damaged in median 26.2

MILE: **26-25**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. & transv. cracking and MC in shoulder rates a 7.
3: EOP dropoff 4" south of 25 SB on ramp.Side slope eroding N/O Kennebunk River.
8: No rumble strip on Mousam River bridge and approaches.

MILE: **25-24**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

3: Rilling on slopes. EOP dropoff 2-5".

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **24-23**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Minor long. and transv. cracking. Potholes in median south of High Street (Route 9A) bridge.
2: MM 23.8 flat damaged.

MILE: **23-22**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: Damaged rail @ end of flat 22.95.
3: EOP dropoff 0-3".

MILE: **22-21**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: Frost heaves under rail (median)
3: EOP dropoff 0-3". Rilling south of Coles Hill Road on RT.
8: Excessive material in the median.

MILE: **21-20**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: MM 20.4 1st post of the median CAT, both sides damaged.
3: Minor rutting in the gravel shoulder
8: Excess Material in median.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

ROADWAYS

MILE: **38-37**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	9
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

3: Excess material buildup in median.
7: Zoom sign faded.

MILE: **37-36**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	9
4. Catch Basins	9	8. Misc	7

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. & transv. cracking.
3: Excess material buildup in median.
5: Delineator down in gore area at Exit 36.
8: 36.9 median pavement frost heaved significantly @ closed crossover.

CROSBY

MILE 38.0 to MILE 52.7

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **38-39**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking in lane . Long. cracking. mm38.05 pothole in middle lane.
2: mm 38 median old cat posts still in ground.mm 38.5 damaged rail in shoulder.
3: excessive material in median under rail.

MILE: **39-40**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking in lane 1 extending to lane 2. Long. cracking in shoulder.
2: pavement failing behind shoulder rail posts, mm39.7. median rail high mm 39.9.
3: excess material on right shoulder and median rail.

MILE: **40-41**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking in lane 1 & 2. Long. cracking in shoulder. Rutting in median shoulder at MM 40.8 RT.
MM 40.3, delam in median crossover.
3: EOP erosion from trucks riding off EOP. excess material under median rail, pavement heaving. MM 40.5
rt,excess material under rail causing erosion at low point. MM 40.9 median shoulder pavement heaving
7: Scarborough Downs sign faded.

MILE: **41-42**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking in lane 1 & 2. Long. cracking in shoulder.
2: 1 lengthof Rail damaged at MM 41.3 rt. shoulder rail damage and pavement breaking at posts 500' north of
beach ridge.
3: MM 41.05 low point downspout separated and eroding. Excess material under median and shoulder rails.
Excess material under beach ridge rt allowing standing water on conc. slope protection.standing water/pond
south of beach ridge rt.
5: Delineator down at MM 42 RT.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **42-43**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracks in lane 1 & 2. Long., transv. and map cracking in both Exit 42 gores.
- 2: Rail damaged at MM 42.9. median rail low in some locations.
- 3: Slope erosion prior to Exit 42 off ramp and on ramp. Eop dropoff 2" Excess material in median.
- 7: Exit 42 sign faded.

MILE: **43-44**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking beginning in left and center lanes. Long. cracks starting to form. Potholes in rumble strip.
- 2: pavement breakup behind shoulder rail postsat MM 43.5
- RT. Missing trailing end glove section at MM 43.5 LT. Median rail low. MM 43.2 shoulder rail 1 section damaged.
- 3: Excess material under median rail and pavement heaving and breaking up. ponding at MM43.05 median. some minor sideslope erosion.
- 7: North signs in 95 sign array faded.

MILE: **44-45**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking in lane 1 & 2. EOP dropoff 0-6" at gores. Raveling near Gorham Road at Exit 44 gore. EOP raveling and map cracking near Exit 45 off ramp.
- 2: Sections of median GR appear high and low. Reflective tape missing on leading end at MM 44.4 RT. some damaged areas. No terminal-trailing end after 295 bridge, rt.
- 3: Sideslope minor erosion,excessive material in median.
- 5: delineator down under 295
- 7: Maine Turnpike sign in sign array faded and 45 arrow sign cracked.
- 8: Light post foundation and conduits exposed from previously removed pole near Exit 44 off ramp.

MILE: **45-46**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv and long cracking across both lanes. EOP dropoff 3-4".
- 2: High median rail at Running Hill Road. Collision damage at MM 45.8 RT.
- 3: Excessive material under median rail and some areas of shoulder rail. Minor sideslope erosion, minor erosion at culvert north of running hill.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **46-47**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Exit 46 off-ramp gore: long., transv. and map cracking. Transv. cracking in outside 2-3' of each lane.
2: Guardrail high in median. Rail high on rt side 46.8
3: EOP dropoff 0-3" and side slope erosion. Excessive material under rails and in median shoulder.
7: I-95 & Maine Turnpike sign cracked & warning sign deteriorated; both at Stroudwater River Bridge.
8: several delineators down.

MILE: **47-48**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. cracking across both lanes and shoulders. Raveling at EOP.
2: Median and RT side GR high and low. 2 lengths damaged rail 47.75 rt.
3: Excess material at eop both sides. eop dropoff
7: warning signs worn; both before bridge over RR.

MILE: **48-49**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. cracks 2-3' into each lane. Pothole in shoulder & EOP breakup at MM 48.2 RT. Potholes in on ramp gore.
2: Reflective tape missing on leading end at MM 48.7 RT.
3: Sideslope erosion S. of Exit 48 off-ramp. EOP dropoff 0-4". Excessive material under rail.

MILE: **49-50**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. cracking & potholes in shoulder.
2: Guardrail high and median rail is leaning. Leading end missing reflective tape MM49.6 RT. Damaged rail 49.8 rt.
3: Minor sideslope erosion from 49.1-49.4. Median EoP erosion @ 49.8. EoP dropoff 2-6". Excessive material under rails.
7: Gore/ warning signs at bridge fading near MM 49. Missing gore/ warning sign at bridge MM50RT.
8: MM49.1 ponding in median.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **50-51**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	7

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Occasional transv. cracks extending across both lanes. Pothole in shoulder.
- 1: Transv. cracks.
- 2: Side GR high and leaning. Fleat buildouts not 4:1
- 3: EOP dropoff 2-4" and sideslope erosion, excessive material under median rail. Water in median 50.9.
- 7: Speed limit (45 portion of the sign), deteriorated.
- 8: MM50.8 erosion of channel beyond riprap midway down slope.

MILE: **51-52**
NB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: MM51.3 to 51.6 rated 9.
- 2: MM51.9 damaged fleat. teminal end post not backfilled.
- 3: EOP dropoff 2-6". MM51.05 rt erosion under rail. Excess material under rail. MM51.2 erosion under rail.
- 7: Warning sign at bridge at MM 51.3 missing.

MILE: **52-53**
NB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 2: fleat post broken MM52.2
- 3: excess material under rail, erosion under rail MM52.8 and underming rail post.
- 7: damaged I-i95 signat MM52.7

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **52-51**
SB

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: MM 51.3 south, pavement rated 8.
2: MM51.3 south, rail low with excess material under.
3: MM 51.6 sideslope erosion. large eroded hole at eop, 52sb off ramp. MM51.4 moderate sideslope erosion under rail in several locations

MILE: **51-50**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: TRANS CRACKS.
2: MEDIAN AND SHOULDER RAIL LEANING, MEDIAN RAIL HIGH.FLEAT SIDESLOPES TOO STEEP MM50.5
3: excess material median and rt shoulder. fleat sideslope too steep at MM50.9.

MILE: **50-49**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv.and some minor long cracking.
2: Rail leaning in several locations. Fleat sideslopes too steep MM 49.2. Shoulder rail low and eop drop significant MM49.1.
3: Minor sideslope erosion locations. EOP dropoff 0-2". Excess material under rail.
7: MM 49 sign deteriorated.

MILE: **49-48**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. cracks in shoulder. Transv. cracks beginning in outside edges of lanes. Map cracking in gore area.
2: Damaged post of Fleat at MM48.8. Median rail damaged at MM48.4. Low median rail MM 48.1.
3: Minor sideslope erosion and poor vegetation. EOP dropoff 0-3" Excess material at EOP.

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **48-47**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS: ROADWAY DATA

- 1: Transverse cracking. Some long., transv. and map cracking in shoulder.
- 2: Outside shoulder rail high and leaning prior to MM 47. Collision damage at MM 47.9 RT.
- 3: EOP dropoff 0-3". Shoulder washout at Mm 47.9. Excess material under rail. Median erosion at MM 47.5.
- 7: Bridge warning signs deteriorated. MM 47 sign missing.
- 8: pole 3 exit 47 sb on is down

MILE: **47-46**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS: ROADWAY DATA

- 1: Transv. cracking. Some long. cracks developing. Map cracking in Exit 46 gore. Some areas of EOP raveling.
- 2: median rail high, shoulder rail leaning.
- 3: EOP dropoff 0-3." Excess material undwr rail.
- 7: Bridge warning sign missing (LT). 30 mph speed limit sign at Exit 46 deteriorated.

MILE: **46-45**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	9
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS: ROADWAY DATA

- 1: Significant cracking in lane 2 in wheel ruts. Long, cracking in the shoulder: edge is raveling. Shoulders at Crosby on ramps are failing; full of potholes and raveling about 700' either side of the running hill bridge. Same
- at Running Hill Road. Shoulders in these two locations rate a 6.
- 3: EOP dropoff 0-3". excessive material under median rail & Rt. Shoulder rail.
- 5: Posts down/ damaged near MM 46 RT.

MILE: **45-44**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS: ROADWAY DATA

- 1: Transv. cracking in both lanes and shoulder. EOP breaking up. Potholes in gravel at the end of the truck turnout area.
- 2: Fleet damage @ 45 SB off gore & 45 SB on gore. Median rail south of Dayne rd. too low (12" above pavement). Select areas crash damage. Fleet Damage Rt. shoulder s/o exit 45 SB on end of ramp.
- 3: EOP dropoff 0-3". Excess matreial under guardrail & in Rt. shoulder.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **44-43**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. cracking. Raveling at on ramp JT.
- 2: GR. low in median.
- 3: 1" drop from EOP at MM 43.4. Excess material @ EOP median/shoulder @ several locations.
- 4: Some minor depressions around basins.
- 7: Littering sign down at MM 43.6.

MILE: **43-42**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	7
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Long. cracking on pavement seams and transv. cracking all 3 lanes.
- 2: Terminal end low n/o 2 Rop RD. Median rail low.
- 3: Side slope erosion & excess material @ several locations.
- 5: Delineator down @ 42 SB on gore & @ Fleet north of two Rop Rd.
- 7: South sign faded at MM 42.

MILE: **42-41**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Long. cracks and some transv. cracking. Median pavement heaving and unraveling. Pavement failing behind rail in shoulder 800' n/o beach ridge road.
- 3: Excess matreial under beach ridge bridge trapping water.

MILE: **41-40**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Long. cracks and some transv. cracking.
- 3: Excess material @ EOP, minor slope failure @ shoulder EOP 40.5 under rail 1987+00 +/-.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

ROADWAYS

MILE: **40-39**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking.
3: Excess material @ EOP.

MILE: **39-38**
SB

INSPECTION DATE: **05/02/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	9
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. Stet cracking. 3" EOP dropoff b/w 38 MM & EVR.
2: Damaged Fleet 1000' n/o flag pond rd.
3: Excess material under rail @ sag locations.

GRAY

MILE 52.7 to MILE 67.0

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Inspection Field Report

HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **53-54**
NB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
2: minor rail damage MM53.2 RT.
3: Excess material under rail.

MILE: **54-55**
NB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

MILE: **55-56**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Long., transv. and map cracking. Some larger cracks and potholes patched, not all.
2: Leaning GR.
3: Areas of slope erosion. EOP dropoff 2-6".

MILE: **56-57**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Transv., map and long. cracking. Some larger cracks and potholes patched, not all. Map cracking in wheel ruts.
3: EOP dropoff 3-7".

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **57-58**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement 9	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 9
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 8

Rutting - See Appendix

COMMENTS:

shoulder pavement is a 7

OBSERVATIONS:

ROADWAY DATA

1: Long., transv. and map cracking in shoulder, some sealed. Some potholes patched. Rating is for mainline; shoulders rate a 7.

3: Minor sideslope erosion. EOP dropoff 0-3".

7: Emergency Stopping Only sign deteriorated.

MILE: **58-59**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement 9	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 9
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 11

Rutting - See Appendix

COMMENTS:

shoulder pavement is a 7

OBSERVATIONS:

ROADWAY DATA

1: Transv., long. and map cracking in shoulder, some sealed. Occasional potholes developing.

3: Sideslope erosion, minimal grass growth.

7: Flashing speed limit sign mounted on Blackstrap Road Bridge pier is cracking.

MILE: **59-60**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement 9	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 7
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 11

Rutting - See Appendix

COMMENTS:

In 2016 construction area

OBSERVATIONS:

ROADWAY DATA

1: Replaced pavement rates a 9, older pavement rates a 7 (MM 59.5-60)

2: Rail often leaning at high steep slope areas.

3: Minor sideslope erosion N. of the Gray rest area on ramp. EOP dropoff 2-4" in non rail sections.

MILE: **60-61**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement 7	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 7
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 11

Rutting - See Appendix

COMMENTS:

construction w/lane closure 2016

OBSERVATIONS:

ROADWAY DATA

1: Transv, long. and map cracking, some sealed. Potholes developing. Low shoulder under outside rail.

2: Rail often leaning at high steep slope areas.

3: Minor sideslope erosion at MM 60.9. Erosion at MM 60.5. EOP dropoff 2-4" in non rail sections.

7: Sebago Lake sign cracked.

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Inspection Field Report

HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **61-62**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016
OBSERVATIONS:
ROADWAY DATA

1: Transv. and long.cracking. Long. cracking specifically at lane seam, some seams sealed.
2: Rail leaning away from travel lane in high slope locations. Fleet damaged at MM 61.5 RT.
3: EOP dropoff 0-3" in non rail sections, 6"+ in rail locations.
7: MM 62 sign deteriorated.

MILE: **62-63**
NB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	7
3. Side Slope	6	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016
OBSERVATIONS:
ROADWAY DATA

1: Transv. cracking. Long.cracking between lanes. Most seams have been sealed.
2: Rail leaning away from traffic in high slope locations.
3: Sideslope erosion at steep GR embankments. Significant sideslope erosion into wetland at MM 62.9. Due to erosion, slope is steeper than 2:1 in this area and not protected by guardrail. EOP dropoff 0-3" in non rail sections, 6"+ in rail locations.

MILE: **63-64**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long. cracking. Map cracking developing in wheel ruts, sealed.
3: Sideslope erosion N. of Gray on-ramp. EOP dropoff 2-5". Erosion at MM 63.9.

MILE: **64-65**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	7	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long. cracking. Map cracking beginning in wheel ruts, sealed.
2: Median rail leaning north of mm 64.5
3: EOP dropoff 2-4". mm64.7 some sideslope erosion and blocked up pipe.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **65-66**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. and long. cracking, some sealed. Some map cracking beginning in wheel ruts.
- 2: mm65.5 median rail leaning and some excess material. mm6 5.7 damaged median rail.
- 3: EOP dropoff 0-4". Steep slope with erosion at cantilever sign. slope erosion above pipe at mm 65.5, ditch not draining. rt shoulder has excess material.

MILE: **66-67**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Ratings apply to ORT (mainline).

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. and long. cracking, some sealed. EOP map cracking near toll plaza approach.
- 2: High and low leaning median rail. damaged section at mm66.1 rt. excess material under median rail.
- 3: Minor slope erosion in various locations. EOP dropoff 0-3". backslope erosion mm66.1. Significant sideslope erosion MM 66.2, some erosion MM66.6 rt. heavy mower damage and no grass growth.
- 7: No U-turn sign deteriorating at MM 66.4.

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Inspection Field Report

HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **67-66**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Transv. and long cracking, map cracking in ruts, some cracks sealed.
2: median rail leaning.
3: EOP dropoff 0-3". Erosion on sideslope at MM66.4. Washout at Weymouth Road bridge, scouring substructure. Excess material under rail.

MILE: **66-65**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Transv. and long. cracking, cracks sealed.
2: median rail high, low and leaning.
3: EOP dropoff 2", excess material under median rail and rt shoulder.

MILE: **65-64**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Transv. and long cracking, cracks sealed. Long. cracks mostly in RT lane wheel rut.
2: Median high, low and leaning. Fleat at rte 26 high.
3: Excess material under median rail and on et shoulder.
7: Areas of minor slope erosion. EOP dropoff 0-4".

MILE: **64-63**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

construction w/lane closure 2016

OBSERVATIONS:

ROADWAY DATA

1: Transv. and long. cracking. Most long. cracks in RT lane wheel rut.
2: Rail damage at MM 63.7.
3: Areas of minor slope erosion; undermining & raveling pavement near MM 63 RT. EOP dropoff 0-3".

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HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **63-62**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking, cracks sealed. Occasional map cracking developing in wheel ruts. Edge of ramp pavement at ML severely deteriorated.
2: Twisted end at GR approach to Center Street.
3: Areas of minor slope erosion under rail and adjacent to Pleasant River. EOP dropoff 0-5".

MILE: **62-61**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking. Occasional EOP raveling.
3: Areas of minor slope erosion. EOP dropoff 0-4".
5: Split post at MM 61.2 RT.

MILE: **61-60**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking, cracks sealed. Occasional map cracking in RT lane wheel ruts. Occasional EOP raveling.
2: Damaged Fleet at MM 60.3 north of Dutton Hill Road.
3: Areas of minor slope erosion. EOP dropoff 0-3".

MILE: **60-59**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Long and transv. cracking. Occasional map cracking developing in wheel ruts, cracks sealed. Occasional EOP raveling.
3: Areas of minor slope erosion. EOP dropoff 2-4".

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **59-58**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking. Occasional map cracking developing in wheel ruts, mostly sealed. EOP raveling at Blackstrap Road.
2: Rail high at the service area ramp, Fleat and rail bent at Blackstrap Road. Excessive sand and debris built up in front of Fleat.
3: Areas of minor sideslope erosion. EOP dropoff 0-6".

MILE: **58-57**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Occasional EOP raveling. Transv. and long.cracking, cracks sealed. Occasional map cracking developing in wheel ruts.
3: Areas of minor sideslope erosion. EOP dropoff 0-4".
7: MM 57 sign deteriorated.

MILE: **57-56**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
construction w/lane closure 2016

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long.cracking, most cracks sealed. Map cracking and potholes developing in RT lane wheel ruts. Large cracks and potholes developing along centerline.
3: Areas of minor sideslope erosion. EOP dropoff 2-6".

MILE: **56-55**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	6	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
Construction Zone w/lane closure - not inspected in 2016.

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking, some cracks sealed. Map cracking in RT lane wheel ruts. Larger cracks and potholes developing in RT lane wheel ruts and along centerline. Left lane rates an 8.
3: Sideslope erosion in rail areas. EOP dropoff 4-10".

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HNTB Corporation

SECTION: 4

ROADWAYS

MILE: **55-54**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

COMMENTS:
2016 paving contract MM 54.5 to 64.4
OBSERVATIONS:
ROADWAY DATA
2: Bent flat strut at MM 54.1
3: Areas of minor slope erosion.

MILE: **54-53**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
3: some sideslope erosion and no vegetation

MILE: **53-52**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Cracks and potholes developing in shoulder.
8: Debris in ditchline at Leighton Road.

AUBURN

MILE 67.0 to MILE 86.7

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **67-68**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Toll Plaza at MM 67

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. and long. cracking. Map cracking in RT lane wheel ruts, crack mostly sealed.
- 2: Median rail, high and low, some leaning. Excess material under median rail.
- 3: Minor sideslope erosion in large areas w/ no grass growth. EOP dropoff 0-3".

MILE: **68-69**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	7
3. Side Slope	6	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. and long. cracking. Map cracking in RT lane wheel ruts. Cracks sealed, but deteriorated. Isolated potholes developing between lanes. Pavement north of 68.5 rated 9.
- 2: Shoulder and median rail high south of 68.5. Excess material under median rail.
- 3: Some large areas of sideslope erosion. EOP dropoff 2-3".

MILE: **69-70**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CDH**

1. Pavement	9	5. Delineators	8
2. Guardrail	9	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 3: EOP dropoff 2-3". Some large areas of sideslope erosion. Gully developed at MM 69.0.

MILE: **70-71**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	9	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 2: Excess material under median rail. Minor collision damage at snow hill rt, with erosion.
- 3: EOP dropoff 2-3". Minor sideslope erosion in large areas. Backslope erosion 70.1.

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HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **71-72**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	9	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
2: Excess material under median rail.
3: EOP dropoff 2-6".

MILE: **72-73**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	9	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
2: Excess material under median rail. Excess material under most fleats. Some leaning median rail MM 72.3
3: EOP dropoff 2-3".
7: Cracking on Rangeley Lakes sign. Cracking & what appears to be bullet holes on Lost Valley sign.

MILE: **73-74**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	9	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
2: excess material under rail some locations.
3: EOP dropoff 2-6".
7: Kaplan University sign deteriorated.

MILE: **74-75**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	9	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: mm 74.8 pavement joint rated 8.
2: Rt rail damage 74.6. mm74.7 lt leaning rail.
3: EOP dropoff 2-4", lower under rail. Some slope erosion.

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **75-76**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long. cracking between lanes, some cracks sealed.
- 2: Low and leaning median rail in several areas. Non flat at MM75.2. Some low shoulder rail. Damaged shoulder rail at mm 75.7. Excess material under rail.
- 3: EOP dropoff 2-4". Erosion at MM 75 & at gore.

MILE: **76-77**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. cracking between lanes. Transv. cracking. Cracks sealed. Isolated map cracking in center of RT lane.
- 2: Rail leaning in several areas. Median and shoulder rail, some high and some low. Excess material under rail. Median rail damage at MM 76.4
- 3: Erosion at Flat at MM 76.2. Sidealope erosion at MM76.6

MILE: **77-78**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking. Long. cracking between lanes and shoulder, cracks sealed. Map cracking in RT lane, some sealed.
- 2: Median rail high, low and leaning in several areas. Excess material under rail at some locations.
- 7: Emergency stopping only sign deteriorated.

MILE: **78-79**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking. Long. cracking between lanes. Occasional map cracking in center of RT lane.
- 2: MM 78.1 leaning shoulder rail several posts missing. Excess material under rail. Damaged non flat at 78.6
- 7: Winthrop Lakes sign faded.

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **79-80**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Construction Zone at Lewiston Interchange - not inspected in 2016 beyond 79.9.

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. cracking. Long. and map cracking near skip line. Occasional long. cracking in RT lane wheel ruts.
- 2: Collision damage at MM 79.4 RT. Thrie rail is low. Excess material under rail. Damaged CAT 79.8
- 3: Sideslope erosion MM 79.2 rt and behind CB near MM 79.9.
- 7: Exit 80 services sign faded.

MILE: **80-81**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Construction Zone at Lewiston Interchange - South of MM 80.4 not inspected in 2016.

OBSERVATIONS:

ROADWAY DATA

- 1: Long. cracking at pavement seams. Transv. cracking, cracks sealed. Map and long. cracks in RT lane wheel ruts, not sealed. Potholes developing.
- 2: Fleat low and excess material under at MM 80.8, excess material under median rail.
- 3: EOP dropoff 0-4".

MILE: **81-82**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	7

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. and long. cracking, more frequent in shoulder, cracks sealed. Shoulder rates a 6 in isolated locations.
- 2: Median rail damaged at MM 81.3. Median rail leaning. Excess material under rail and fleats.
- 3: EOP dropoff 0-4".
- 8: Rough shoulders and slopes at Old Lisbon Road

MILE: **82-83**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Transv. and long. cracking. Occasional map cracking, cracks sealed. Cracking worse in shoulder areas with potholes developing. Shoulder rates a 6 in some locations.
- 2: Median rail leaning. Fleat high at MM 82.3.
- 3: EOP dropoff 0-4". Some slope erosion in areas w/ pockets forming.

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

**MILE: 83-84
NB**

**INSPECTION DATE: 05/11/2016
INSPECTOR(S): HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

1: Transv. cracks. Occasional long. cracking. Isolated map cracks in RT lane wheel ruts, cracks sealed, these sections rate a 7. Shoulder rates a 6 in some locations.
2: Median rail leaning, excess material under rail.

**MILE: 84-85
NB**

**INSPECTION DATE: 05/11/2016
INSPECTOR(S): HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

1: Transv. and long. cracking. Some map cracking in RT lane wheel ruts. Shoulder rates a 6. Isolated EOP raveling.
2: Median rail leaning, high and low. Excess material under rail. Median rail damaged at MM84.6
3: Washout at Lisbon Road, scouring pier. EOP dropoff 0-4".

**MILE: 85-86
NB**

**INSPECTION DATE: 05/11/2016
INSPECTOR(S): HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	9
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

1: Long. and transv. cracking. Map cracking in RT lane wheel ruts. Long cracks widening at ramp gore.
2: Median rail high. Excess rail under rail.
3: EOP dropoff 0-4".

**MILE: 86-87
NB**

**INSPECTION DATE: 05/11/2016
INSPECTOR(S): HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	7	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

**OBSERVATIONS:
ROADWAY DATA**

1: Long. and transv. cracking, cracks sealed. Isolated map cracking developing in RT lane wheel ruts.
2: Rail High in the median.
3: EOP dropoff 2-4".

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **87-86** INSPECTION DATE: **05/11/2016**
SB INSPECTOR(S): **HME CAH**

1. Pavement 7	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 7
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracking, most cracks sealed. Occasional map cracking developing in RT lane. Potholes @ EOP off ramp seam.
2: Excess material in median GR.
3: EOP dropoff 0-3". Erosion under furbush Rt. side.
7: E86 sign damaged (gore SB off).

MILE: **86-85** INSPECTION DATE: **05/11/2016**
SB INSPECTOR(S): **HME CAH**

1. Pavement 7	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 7
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long. cracking. Continuous long. crack on skip line, most cracks sealed. E86 on ramp potholes @ seam.
3: EOP dropoff 0-2". Excess material under rail.
8: Debris build up in median opening at MM 85.

MILE: **85-84** INSPECTION DATE: **05/11/2016**
SB INSPECTOR(S): **HME CAH**

1. Pavement 7	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 7
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. cracks; Long. crack along lane line. Occasional long. cracking in RT lane wheel rut. Shoulder rates a 6 due to long., transv. and map cracking with some potholes.
2: Median rail high, low and leaning in some locations. Median rail damaged 84.5.
3: EOP dropoff 2-3". Excess debris under rail.
5: Split posts at MM 84.2 RT & at 85 RT. Bent post at MM 84.5 RT.

MILE: **84-83** INSPECTION DATE: **05/12/2016**
SB INSPECTOR(S): **HME CAH**

1. Pavement 7	5. Delineators 8
2. Guardrail 8	6. Pavement Markings 7
3. Side Slope 8	7. Sign 8
4. Catch Basins 8	8. Misc 11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long. cracking. Long. cracking mostly at seam and RT Lane wheel ruts. Shoulder rates a 6.
2: Median rail high low and leaning.
3: Excess material under rail. EOP dropoff 3"
5: Some posts down or leaning.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **83-82**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long cracking. Shoulder rates a 6, some potholes developing.
- 2: Median GR appears high and leaning in some areas.
- 3: Excess material under rail and at rt shoulder. EOP dropoff 2-3"

MILE: **82-81**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long. cracking, some cracks sealed. Shoulder rates a 6.
- 2: Posts at tail end of Fleet leaning at Route 196 bridge. Damaged rails and broken lead post of median CAT at MM 81.3. Median rail high and leaning.
- 3: EOP dropoff 2-3". Minor erosion under Old Lisbon Road bridge. Excess material under rail.

MILE: **81-80**
SB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Construction Zone-not inspected in 2016.

MILE: **80-79**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking. Long. crack along lane seam. Map cracking in RT lane wheel ruts, some cracks sealed.
- 2: Median rail high and leaning. MM78.8 non-fleet. Shoulder rail low some areas.
- 3: Excess material under some rail.
- 7: MM80 sign deteriorated.
- 8: Debris buildup in median.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **79-78**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long cracking, some cracks sealed.
- 2: Shoulder posts missing and damaged MM78.7, median rail high and leaning. shoulder posts missing at MM 78.3, minor collision damage at MM78.1.
- 3: EOP erosion at MM 78.4, minor sideslope erosion at MM78, EOP dropoff 2-3". Excess material under rail.

MILE: **78-77**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long cracking. Some map cracking in wheel ruts, mostly crack sealed.
- 2: Some median rail high and leaning. Rail low under south main st bridge.
- 3: Areas of minor slope erosion. EOP dropoff 1-2", Excess material under rail. Some sideslope erosion at fleet MM77.5

MILE: **77-76**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking, mostly crack sealed. Map cracking developing in isolated areas.
- 2: Broken wood post on Fleet at MM 76.7. Impact head and first rail damaged on Fleet at MM 76.1. Median rail high and low and leaning.
- 3: Minor erosion with slope washouts. EOP dropoff 0-3". Excess material under rail.

MILE: **76-75**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long cracking, sealed. Center seam, sealed. Minor potholes south of 202 bridge.
- 2: Median rail leaning and low in areas. Broken tail posts on Fleet at Danville Corner and damaged median rail. Non-fleet MM 75.4, rail low south of interchange on rt.
- 3: Areas of slope erosion. EOP dropoff 0-3". Excess material under rail.

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **75-74**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

2: Right rail damaged at MM 74.9, median rail damaged at MM74.8

3: EOP dropoff 0-2". Excess material under rail.

7: MM 75.0 sign too low.

MILE: **74-73**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

2: Minor rail damage 73.8 rt.

3: EOP dropoff 2-4". Some slope erosion. Excess material in shoulders and median.

MILE: **73-72**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

2: Damaged Flat post #7 at MM 72.8 RT.

3: Excess material rt shoulder and under rail.

MILE: **72-71**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	7	7. Sign	9
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

2: Broken flat post #1 at MM 71.3

3: EOP dropoff 0-2". Moderate erosion in large areas. Excess material under rail.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 5

ROADWAYS

MILE: **71-70**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: One Fleat post disconnected and others damaged at Chandler Mill Road. Minor shoulder rail damage MM70.4
3: Minor slope erosion throughout. EOP dropoff 0-4", excess material under rail., median erosion at MM70.6.

MILE: **70-69**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

2: Cracked fleat post at MM69.3
3: EOP dropoff 0-3".
7: MTA logo cracked on MM 70 sign.

MILE: **69-68**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Pavement rating south of joint at MM68.6 rated 8 with long and trans cracks, sealed.

OBSERVATIONS:
ROADWAY DATA

3: Moderate slope washouts in several areas. EOP dropoff 0-3". Excess material under rail.

MILE: **68-67**
SB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	8	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. and long cracking, some sealed.
2: Broken end post on Fleat at MM67.3
3: Minor slope erosion. EOP dropoff 0-4". Excess material under rail.
7: 10 mph speed limit sign at toll plaza bent.

LITCHFIELD

MILE 86.7 to MILE 100.2

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **87-88**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. and transv. cracking, mostly sealed. Map cracking at Fischer Road, sealed.
- 2: Sections of median GR appear high and low. Excess material under median rail.
- 3: Minor sideslope erosion and areas of sparse grass growth. EOP dropoff 0-4".

MILE: **88-89**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. and transv. cracking, mostly sealed. Cracking in RT lane wheel ruts. Rating is for MM 88-88.6.
- 2: Rail high in some locations, some excess material under.
- 3: Minor sideslope erosion and areas of sparse grass growth. EOP dropoff 2-4".

MILE: **89-90**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv, map, and long cracks developing.
- 2: Excess material under rail and fleats.

MILE: **90-91**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. and transv. cracks developing.
- 2: Median rail leaning. Some excess material under rail sections.
- 3: Minor slope erosion. EOP dropoff 2-3".

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **91-92**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Trans and long cracking.
- 2: Median rail leaning at the Town line sign. Some excess material under rail and flat at Center Rd.

MILE: **92-93**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Rough shoulder at Academy Road. Transv. cracking.
- 3: Minor sideslope erosion

MILE: **93-94**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long and transv. cracking developing.
- 2: Damaged flat post MM 93.8, damaged median post at MM 93.8.
- 3: Minor sideslope erosion, especially in berm dropoff correction areas. EOP dropoff 0-2", greater under rail sections.

MILE: **94-95**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: long and transv. cracking developing.
- 3: Minor sideslope erosion, especially in berm dropoff correction areas. EOP drop off 0-2", greater under rail sections.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **95-96**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: long and transv. cracks developing.
- 2: Median rail leaning at MM 95.2. Excess material under shoulder rail Plains Rd.
- 3: EOP dropoff 0-2", greater under rail sections.

MILE: **96-97**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long and transv. cracking. Seam at shoulder opening in locations.
- 2: broken flat post at MM 96.4, damaged shoulder rail post at 96.5
- 3: Minor sideslope erosion. EOP dropoff 0-3" greater under rail sections.

MILE: **97-98**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Trans and long cracking. Seam at shoulder opening in locations.
- 3: EOP dropoff 0-3", greater under rail sections. Minor sideslope erosion.

MILE: **98-99**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. crack at pavement seam. Transv. cracking, mostly sealed. Cracks developing in wheel ruts; some sealed.
- 3: EOP dropoff 0-2".

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **99-100**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

MM 99.5 north under construction 2016

OBSERVATIONS:

ROADWAY DATA

1: Long. and transv. cracks, mostly sealed. Cracks developing in wheel ruts, some sealed.

3: Minor sideslope erosion. EOP dropoff 0-4".

7: "Stop pay toll" sign faded.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **100-99**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. and long. cracking, mostly sealed. Some long. and map cracking developing in Rt. lane wheel ruts.
- 2: Sections of median rail high.
- 3: EOP dropoff 2-5". Some areas of erosion, excess material under rail. Minor slope erosion MM99.8

MILE: **99-98**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	8

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. and transv. cracking, mostly sealed. Some long. cracking developing in Rt. lane wheel ruts.
- 2: median rail high and low, some leaning.
- 3: Minor sideslope erosion. EOP dropoff 3-5".

MILE: **98-97**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Full width transv. crack across both lanes and shoulder.
- 2: Damaged tail end posts of Fleet at MM 97. 7 RT and at MM 97.6 RT.
- 3: EOP dropoff 0-2", greater under rail sections. excess material under rail.

MILE: **97-96**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Full width transv. cracks.
- 2: Damaged post and rail on shoulder, at MM 96.3 and MM 96.7 RT.
- 3: Median sideslope erosion south of Stevenstown Road. Sideslope erosion at MM 96.2 and at MM 96.6. EOP dropoff under rail sections.

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HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **96-95**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. cracking along solid white edge line. Full width transv. crack across both lanes and shoulder.
- 3: Minor sideslope erosion. EOP dropoff under rail sections. Excess material under rail.

MILE: **95-94**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Full width transv. crack across both lanes and shoulder. Seam at shoulder opening in locations. LC @ CL
- 2: Median rail leaning.
- 3: Areas of erosion under rail. EOP dropoff 0-2", greater under rail sections. Excess material under median rail.

MILE: **94-93**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long. crack along shoulder seam & CL. Full width transv. crack across both lanes and shoulder.
- 3: Erosion issues due to rutting. EOP dropoff 0-2", greater under rail sections. median guardrail damaged 93.9.

MILE: **93-92**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: TC and LC cracks.
- 3: Sideslope on emergency vehicle access at MM 92.8 are too steep, potential hazard. EOP dropoff 0-4".

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Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **92-91**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Occasional transv. & long. cracking.
3: EOP dropoff 0-3". Areas of minor slope erosion.

MILE: **91-90**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Occasional long. transv. cracks EOP ravelling.
3: Minor slope erosion. MM 90.4 RT. EOP dropoff 3-5". Excess material under rail in median.

MILE: **90-89**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Transv. & long. cracking, wider in shoulder.
2: CAT @ 89.5 (N) 1st post broken.
3: EOP dropoff 4-6". More severe under rail/erosion.
7: MM 89.5 bent Emergency Stopping Only sign.

MILE: **89-88**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

1: Long. and transv. cracks, some sealed. Map cracking in RT lane. Larger cracks and potholes developing.
88.6-89 Rated 9 (matches 90-89).

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 6

ROADWAYS

MILE: **88-87**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: Long., transv. and some map cracking, most sealed.
- 2: Rail low under fisher form Rd - right side.
- 3: Some slope erosion. EOP dropoff 2-4". Some excess material under median rail.

GARDINER

MILE 100.2 to MILE 108.8

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 7

ROADWAYS

MILE: **100-101**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

MM 100.1 - 100.3 Toll Plaza.

OBSERVATIONS:

ROADWAY DATA

1: Long. and transv. cracks; mostly sealed. Long. cracks developing in wheel ruts. Shoulder raveling at the plaza.

2: Median GR crossover low at MM 100.7.

3: Some slope slumping and erosion. EOP dropoff 0-8".

MILE: **101-102**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Long. and transv. cracking, mostly sealed. Long. cracks developing in wheel ruts.

2: Excess material under median rail.

3: Areas of minor sideslope erosion. EOP dropoff 2-4". Some areas of excess shoulder material.

MILE: **102-103**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Long. and transv. cracking, some sealed. Long. and some map cracking developing in RT lane wheel ruts. Rated 9 after pavement joint.

2: Excess material under rail.

3: EOP dropoff 2-4". Erosion at MM 102.9 RT. Excess material on right aoulder.

MILE: **103-104**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

1: Trans cracks. MM 103.4 in median opening deteriorated. Map cracking in shoulder.

2: Excess material under rail and shoulder eop, and fleats. some median rail leaning.

3: EOP dropoff 2-6".

7: Maine Turnpike sign faded. Border peeling /lifting on Maine Maritime Academy sign.

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HNTB Corporation

SECTION: 7

ROADWAYS

MILE: **104-105**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking.
- 2: Excess material under rail and fleats. some median rail leaning. Cat damage at 104.9
- 3: Erosion under rail sections.

MILE: **105-106**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking beginning.
- 2: Excess material under median rail.
- 3: Minor sideslope erosion in several areas. shoulder rutting at MM105.9
- 7: U. Maine Fort Kent sign cracked and faded.

MILE: **106-107**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Some transv. cracking.
- 2: some excess material under median rail.
- 7: Belgrade Lakes sign faded.

MILE: **107-108**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking
- 2: excess material under rail some locations.
- 7: Emergency Stopping Only sign deteriorated

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HNTB Corporation

SECTION: 7

ROADWAYS

MILE: **108-109**
NB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Transv. cracking.
- 3: Sideslope erosion at Winthrop Road. Excess material under some rail dections.

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Inspection Field Report

HNTB Corporation

SECTION: 7

ROADWAYS

MILE: **109-108**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:
Maine Turnpike begins at MM 108.8, Sta. 5578+0.
OBSERVATIONS:
ROADWAY DATA
1: Occasional transv. cracking. pothole in rumble strip.
3: excess material under rail.
7: Maine Highway Safety Committee sign deteriorated.

MILE: **108-107**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Some transv. cracking
2: leaning flat at MM 108.5 RT.
3: excess material under rail

MILE: **107-106**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: limited trans cracking, long. and transv. cracking in shoulder.
2: exceeds material under some rail, some minor erosion under rail.
3: Erosion under most rail sections.

MILE: **106-105**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA
1: Long. and transv. cracking in shoulder, some transv. in lanes.
3: Excess material under rail. Some minor slope erosion MM 105.1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 7

ROADWAYS

MILE: **105-104**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Shoulder pavement delaminated in rumble at MM 104.4 RT & pothole in shoulder at MM 104.3 RT.
- 2: Damaged tail end post of Fleet sections at MM 104.9 RT. Collision damage at MM 104.3
- 3: Erosion under rail sections. Excess material under rail. minor slipe erosion at MM104.4

MILE: **104-103**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: Long and transv. cracking in shoulder and occasional transv. cracks in lanes. EOP raveling.
- 2: Leaning at MM103.9
- 3: Excess material under rail

MILE: **103-102**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	8
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: for pavement south 102.6, long. and transv. cracking; sealed. Wheel rut cracks; sealed. Long, transv. and map cracking in shoulder; mostly sealed. mainline rated 7.

MILE: **102-101**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Construction Zone w/lane closure in 2015.

OBSERVATIONS:
ROADWAY DATA

- 1: Long. and transv. cracking, some sealed. Long. crack at lane seam, some sealed. Occasional long. crack in wheel ruts, not sealed.
- 2: Tail end of Fleet damaged at Toll Plaza sign at MM 101.4.
- 3: EOP dropoff 1-3". Some areas of erosion. Excess material under rails.
- 7: Toll plaza 1 Mile sign faded and border detached. I-95 sign faded at MM 101.8 RT.

Maine Turnpike Annual Inspection

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HNTB Corporation

SECTION: 7

ROADWAYS

MILE: **101-100**
SB

INSPECTION DATE: **05/11/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	7	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	7
3. Side Slope	8	7. Sign	7
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

Construction Zone through toll plaza in 2016 south of MM100.7

OBSERVATIONS:

ROADWAY DATA

1: Transv. and long.cracking, mostly sealed. Map cracking developing in RT lane wheel ruts.

3: EOP dropoff 0-3".

7: Emergency Stopping Only sign cracked. Wide Loads sign deteriorated.

FALMOUTH SPUR

MILE FS 0.0 to MILE FS 3.7

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 8

ROADWAYS

MILE: **FS0-1EB**
EB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	9
4. Catch Basins	9	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: long crack lane 2 between Leighton and MCRR bridges. Trans cracking east of bridges.
- 2: Fleat broken post 1 east bound approach to Auburn St.
- 3: poor ground cover at 52nb off gore, excess material on rt shoulder.

MILE: **FS1-2EB**
EB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:
ROADWAY DATA

- 1: trans cracking
- 2: Median rail leaning.
- 3: Sideslope erosion, excess material under median rail.

MILE: **FS2-3EB**
EB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	7	7. Sign	8
4. Catch Basins	11	8. Misc	11

Rutting - See Appendix

COMMENTS:

*** Toll Plaza area, MM FS 2.7 to MM FS 2.8 ***

OBSERVATIONS:
ROADWAY DATA

- 1: Long, transv. and map cracking, some sealed. Larger cracks at pavement seams, wheel ruts and edge of the shoulder.
- 2: Twisted ends at MM 2.0 and 2.4, Damaged Fleat at the toll plaza.
- 3: Minor slope erosion throughout. EOP dropoff 2-4".

MILE: **FS3-4EB**
EB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

Maine Turnpike Annual Inspection

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HNTB Corporation

SECTION: 8

ROADWAYS

MILE: **FS4-3WB**
WB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: some trans cracking.
- 2: Twisted end flattened, low at Route 9.
- 3: Some sideslope erosion.
- 7: under clearance and plaza 1/2 Mile and check brakes signs deteriorated and cracking.

MILE: **FS3-2WB**
WB

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

COMMENTS:

*** Toll Plaza area, MM FS 2.7 to MM FS 2.8 ***

OBSERVATIONS:

ROADWAY DATA

- 1: Long. and transv. cracks, some sealed. EOP raveling. Some cracking developing in wheel ruts.
- 2: Median rail low, twisted end at MM 2.2.
- 3: EOP dropoff 0-3". Some minor washouts and other slope erosion.
- 7: Speed Limit signs deteriorated. No parking signs cracked and faded.

MILE: **FS2-1WB**
WB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 3: some sideslope erosion, poor vegetated cover.

MILE: **FS1-0WB**
WB

INSPECTION DATE: **05/12/2016**
INSPECTOR(S): **HME CAH**

1. Pavement	9	5. Delineators	8
2. Guardrail	8	6. Pavement Markings	9
3. Side Slope	8	7. Sign	8
4. Catch Basins	8	8. Misc	11

Rutting - See Appendix

OBSERVATIONS:

ROADWAY DATA

- 1: some trans and long cracks on ramp sb on.
- 7: MM 1.0 missing.

Chapter D

Roadways - Interchanges

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YORK

MILE 0.3 to MILE 20.0

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

INTERCHANGE RAMPS

MILE: **Exit 1**
SB On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	7
4. Side Slope	8	9. Misc	11
5. Catch Basins	7		

COMMENTS:
Ramp A

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracks & shoulder map cracking. Rutting w/MP before merge area.
3: GR end damaged at merge to by-pass.
4: Minimal ground cover at beginning of ramp.
5: CB settling.
8: "Prohibited on this Highway" sign worn with cracking.

MILE: **Exit 1**
NB Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	7
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	7	8. Sign	8
4. Side Slope	9	9. Misc	11
5. Catch Basins	8		

COMMENTS:
Ramp B

INTERCHANGE RAMP DATA

1: Minor transv. cracking & shoulder map cracking. Vegetation in shoulder.
3: GR end damaged on LT at beginning of ramp.
6: Some delins. down or damaged.

MILE: **Exit 2**
SB On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Ramp C

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracks and an area of map cracking in wheel ruts near start of ramp. EOP drop off 0" -4"
6: One broken off.

MILE: **Exit 2**
NB Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:
Ramp E

INTERCHANGE RAMP DATA

1: Map cracking in gore & shoulder as well as transv. & long. cracking throughout.
3: End treatment damaged.
8: Chevron signs leaning. "30 MPH Ramp" sign cracked. Sign above "15 MPH" non-existing.

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Inspection Field Report

HNTB Corporation

SECTION: 1

INTERCHANGE RAMPS

MILE: **Exit 3**
NB Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	9	8. Sign	8
4. Side Slope	8	9. Misc	7
5. Catch Basins	8		

COMMENTS:
Ramp K

INTERCHANGE RAMP DATA

1: Transv. & long. cracks throughout. Heavy map cracking in shoulder near gore w/ potholes developing. Vegetation in shoulder.
4: 0-2" EOP drop off.
8: Services sign worn with cracking.
9: Curb stones misplaced w/ washout & potholes at end of ramp.

MILE: **Exit 2**
SB Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	8
5. Catch Basins	8		

COMMENTS:
Ramp D

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracks. EOP drop off 3".
3: Flattened guardrail entry terminal.
4: Minimal ground cover within 3' of curbing.
5: Basin plugged
9: Gran. sloped edging low in areas & vegetation betw. gaps.

MILE: **Exit 3**
NB off to Rt 1 N

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Ramp J

INTERCHANGE RAMP DATA

1: Long. & transv. cracks w/ veg. growth coming through in shoulder.
3: GR damage RT at beginning of ramp.

MILE: **Exit 3**
SB on from 236

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting	9	7. Pavement Markings	8
3. Guardrail	11	8. Sign	8
4. Side Slope	9	9. Misc	11
5. Catch Basins	9		

COMMENTS:
Ramp G

INTERCHANGE RAMP DATA

1: Minor transv. cracks, area of raveling near merge with by-pass.
4: Minimal ground cover near merge with by-pass.
8: Should be sign for merge with ramp H. Construction sign post sticking up. 95 sign faded and tilted.

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HNTB Corporation

SECTION: 1

INTERCHANGE RAMPS

MILE: **Exit 3** INSPECTION DATE: **05/09/2016**
SB on from Rt 1 INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	8
5. Catch Basins	8		

COMMENTS:
Ramp H

INTERCHANGE RAMP DATA

1: Minor transv., long. & map cracking.
4: Minor areas of erosion.

MILE: **Exit 3** INSPECTION DATE: **05/09/2016**
SB INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	7
2. Rutting	9	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	9
5. Catch Basins	8		

COMMENTS:
SB Route 1

INTERCHANGE RAMP DATA

1: Trans and long cracking. 3" joint opening w/ delam.
4: 0-4" EOP drop-off.
9: Vegetation growing betw. gaps of gran. sloped edging.

MILE: **Exit 3** INSPECTION DATE: **05/09/2016**
NB on from Rt 1 S INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting	8	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:
Ramp L

INTERCHANGE RAMP DATA

1: Minor transv. cracking. Map cracking in shoulder & EOP raveling near merge.
6: Some delins. damaged.

MILE: **Exit 3** INSPECTION DATE: **05/09/2016**
NB on from Rt 1 N INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting	9	7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Ramp M

INTERCHANGE RAMP DATA

1: Transv. long. & map cracking in shoulder, shoulder rates a 7.
3: Guardrail damaged beginning of run.
8: Merge ahead sign cracked.

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Inspection Field Report

HNTB Corporation

SECTION: 1

INTERCHANGE RAMPS

MILE: **7 - Chases Pond Road**
Southbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	9
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Map cracking in shoulder, seam starting to open. Transverse cracks and one section longitudinal.
4: EOP dropoff 0-2".
9: Numerous tires dumped at bottom of slope on RT.

MILE: **7 - Chases Pond Road**
Northbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Joint beginning of ramp starting to open.
4: EOP dropoff 1-2". Minor slope erosion. Berm material rilled.

MILE: **7 - Chases Pond Road**
Southbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. & long. cracking. Map cracking in gore and in shoulder.
3: GR flattened in places.
4: Minor slope erosion

MILE: **7 - Chases Pond Road**
Northbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

Ramps paved in 2013

INTERCHANGE RAMP DATA

1: Shoulder rates a 7, EOP ravelling. Minor map cracking, transverse cracking.
8: To SR-1 & 91 signs down off post. Broken Speed Limit 40 sign.

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HNTB Corporation

SECTION: 1

INTERCHANGE RAMPS

MILE: **19 - Wells**
Northbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	7	9. Misc	7
5. Catch Basins	9		

COMMENTS:
Reflect transverse cracking starting.

INTERCHANGE RAMP DATA

1: Shoulder rates a 7 with map cracking and some breakup.
3: Rail low at bridge abut. connection.
4: Minor slope erosion.
9: Light pole base and wiring on ground Pole #22 missing.

MILE: **19 - Wells**
Southbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	9		

COMMENTS:

INTERCHANGE RAMP DATA

1: EOP raveling, potholes in rumble strip, dropoff 0-2". Shoulder rates a 7.
4: Slope erosion, RT. side beginning of ramp.
6: Few bent delineators.
8: Signal Ahead sign cracked.

MILE: **19 - Wells**
Northbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	6	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	9		

COMMENTS:
Minor reflect transverse cracking and sed. @ joint. Break up of paved curb. Flattened guardrail on outside of curve.

INTERCHANGE RAMP DATA

1: New pavement under overpass. Shoulder rates a 7. EOP raveling.
3: Some GR flattened & damaged and leaning on curve. Bit. curb under median GR beginning to crack. Approach to bridge is damaged. Twisted end at merge near plaza.
8: Merge sign bent.

MILE: **19 - Wells**
Southbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	7	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	9		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor map cracking in shoulder.
3: GR flattened and leading & trailing end damaged near plaza and approaching ML. BCT damaged.
4: Slope wash out before plaza & in gore on mainline.

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KENNEBUNK

MILE 20.0 to MILE 38.0

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

INTERCHANGE RAMPS

MILE: **25 - Kennebunk**
Southbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	7	8. Sign	8
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long. cracking. Some transv. cracking. No sealing. Potholes developing in travel lane surface. EOP dropoff 0-3" on left and right. Areas of fines
3: GR low. Collision damage w/ broken posts adjacent to toll plaza.
4: Erosion of slope at gore.

MILE: **25 - Kennebunk**
Northbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	8
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Surface delamination. Minor long. and transv. map cracking. EOP ravelling & dropoff 0-4".
6: Some posts down.

MILE: **25 - Kennebunk**
Northbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long. and transv. cracking, not sealed. EOP raveling. EOP dropoff 0-5". Joint separating.
4: Minor side slope erosion areas. Much needed berm correction.

MILE: **25 - Kennebunk**
Southbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long. and transv. cracking. Major map cracking. EOP raveling. EOP dropoff 0-3". Shoulder at merge rates a 6.
4: Right interior corner gravel slope in rough shape.

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Inspection Field Report

HNTB Corporation

SECTION: 2

INTERCHANGE RAMPS

MILE: **32 - Biddeford**
Southbound On

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	7
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor long. and transv. cracking. Minor map cracking and several potholes. EOP dropoff 0-4".
3: Rail flattened on RT side w/ some detached. Low at bridge departure.
8: Merge sign bent.
9: Drainage issues underneath bridge.

MILE: **32 - Biddeford**
Southbound Off

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Some long. and transv. cracking. Long. crack in seam with shoulder. EOP dropoff 1-4", both sides. Several potholes developing at beginning. EOP raveling at beginning.
3: Some flattened and damaged. Fleat leading end on LT & trailing end on RT damaged.
8: 30 mph sign deteriorated. Arrow merge sign at gore deteriorated.

MILE: **32 - Biddeford**
Northbound Off

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	7	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	13		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor long. cracking. Fines stripping out of surface.
3: Some rail flattened and damaged. Collision damage on RT near gore.

MILE: **32 - Biddeford**
Northbound On

INSPECTION DATE: **06/16/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

under construction 2016

INTERCHANGE RAMP DATA

1: Long. cracking, some opening up. No sealing. EOP beginning to ravel, small potholes. EOP dropoff 0-3".
3: Damaged fleat end prior to toll.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2

INTERCHANGE RAMPS

MILE: **35 - Hotel & Conference Center**
Northbound On

INSPECTION DATE: **06/16/2016**

INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	13	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	13		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and heavy map cracking. No sealing. EOP dropoff 0-3".
 6: Delineator down near merge.
 8: Merge sign bent.

MILE: **35 - Hotel & Conference Center**
Northbound Off

INSPECTION DATE: **06/16/2016**

INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	13		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and heavy map cracking. No sealing. EoP dropoff 0-2" in gore.
 3: Some damaged rail.

MILE: **36 - Saco**
Southbound On

INSPECTION DATE: **06/16/2016**

INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	7
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor long. and transv. cracking. Some fines stripping from surface.
 3: Front post of median CAT broken.
 4: Partially eroded stone downspout.
 9: Barrier exhibits moderate to severe spalling.

MILE: **36 - Saco**
Southbound Off

INSPECTION DATE: **06/16/2016**

INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	7
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Some long. and transv. cracking. EOP dropoff 0-2".
 3: GR low, flattened and damaged rail in some areas.
 8: Gore sign faded.
 9: Barrier-moderate to severe spalling. Concrete around monitoring wells failing. Curb damaged at R.R. bridge. No downspout, erosion behind bin-wall.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 2

INTERCHANGE RAMPS

MILE: **36 - Saco**
Northbound Off

INSPECTION DATE: **06/16/2016**
 INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	13		

COMMENTS:

INTERCHANGE RAMP DATA

1: EOP dropoff 0-5". Long. and transv. cracking. No sealing. Pothole and cracking at gore. Cracking developing in ruts.
 3: Some rail flattened.

MILE: **36 - Saco**
Northbound On

INSPECTION DATE: **06/16/2016**
 INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	7	9. Misc	11
5. Catch Basins	13		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv., map and long. cracking. No sealing. EOP dropoff 0-3". Cracking in wheel ruts.
 3: Some flattened rail. Damaged leading fleet end on LT.
 4: Potholes in gravel at EOP.

CROSBY

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

MILE: **42 - Scarborough**
Northbound Off

INSPECTION DATE: **05/09/2016**
 INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. & long. cracking in shoulder on old pavement at gore. Transverse cracking and minor longitudinal cracking.
 4: Rilling in slopes at gore.
 6: Delineator down.

MILE: **42 - Scarborough**
Northbound On

INSPECTION DATE: **05/09/2016**
 INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	9		

COMMENTS:

INTERCHANGE RAMP DATA

4: Areas of minor erosion. Millings eroded in a section

MILE: **42 - Scarborough**
Southbound Off

INSPECTION DATE: **05/09/2016**
 INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracks.
 3: Some flattened rail.
 4: Steep/excessive berm correction just prior to GR some minor slope erosion.

MILE: **42 - Scarborough**
Southbound On

INSPECTION DATE: **05/09/2016**
 INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	8
5. Catch Basins	8		

COMMENTS:

Paved 2013

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracking. Some potholes in shoulder (shoulder 8) .
 3: Some flattened rail.
 4: Some slope erosion along mainline.
 6: Delineator down.
 9: Ponding water under bridge. Curbing under bridge breaking up.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

MILE: **44 - I 295/South Portland Northbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	8
5. Catch Basins	11		

COMMENTS:
Paved 2013

INTERCHANGE RAMP DATA

1: Map, transv. and long. cracking in shoulder rates a 7. EOP raveling. EOP dropoff 0-5". Long. joint opening.
4: Minor areas of erosion. Slope torn up from tractor.
8: 50 mph sign faded.
9: Conc. barrier spalling.

MILE: **44 - I 295/South Portland Southbound On** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Field verified light pole base erosion repaired @ I-295 Barrier Plaza 5-9-14
Paved 2013

INTERCHANGE RAMP DATA

1: Potholes and cracking in sections of shoulder. Map cracking & EOP breakup at merge.
3: Minor damage.
4: Areas of minor erosion.

MILE: **45 - South Portland Southbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracks. Shoulder raveling.
3: Bit. curb crumbling under GR. GR high and leaning before and after bridge.

MILE: **45 - South Portland Northbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracking. Map cracking in shoulder.
3: Tail end post of fleet damaged on RT.
4: EOP dropoff 0- 3". Minor side slope erosion.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

**MILE: 45 - South Portland
Northbound On**

**INSPECTION DATE: 05/09/2016
INSPECTOR(S): CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	7	8. Sign	9
4. Side Slope	7	9. Misc	11
5. Catch Basins	9		

COMMENTS:

INTERCHANGE RAMP DATA

1: Shoulder map cracking. Transv. and long. cracking some opening up. No sealing. Map cracking near gore with potholes developing. Bumps across ramp near gore/new pavement area.
3: Fleet leading end at gore has impact damage.
4: Erosion at gore.
6: Delineator down.

**MILE: 45 - South Portland
Southbound On**

**INSPECTION DATE: 05/09/2016
INSPECTOR(S): CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	7	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv., long. and map cracking. Larger cracks developing. EOP raveling. EOP dropoff 1-4".
3: Flattened & leaning GR on curve on RT.

**MILE: 46 - Jetport
Southbound Off**

**INSPECTION DATE: 05/09/2016
INSPECTOR(S): CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Construction Zone- not inspected.

INTERCHANGE RAMP DATA

1: Both sides, EOP dropoff 0-2".
3: Some guardrail damage.

**MILE: 46 - Jetport
Northbound On**

**INSPECTION DATE: 05/09/2016
INSPECTOR(S): CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Construction Zone- paving /widening in 2015.

INTERCHANGE RAMP DATA

6: Del. knocked down

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Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

MILE: **46 - Jetport**
Southbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

3: Some GR flat
4: Minor erosion

MILE: **46 - Jetport**
Northbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	9	9. Misc	8
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

8: Sign cluster w/To 22, 9 & Maine Turnpike all faded & cracked.
9: Map cracking on concrete barrier.

MILE: **47 - Rand Road**
Southbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	7
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long. cracking. Sealed with fines stripped from surface.
3: Rail flattened and damaged in areas. Approached end flat damaged.
4: Moderate erosion at rip rap downspout approaching bridge.
9: Bit. curb breaking up under GR.

MILE: **47 - Rand Road**
Northbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	9	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Sig map cracking. Most sealed. Small area of delam in merge.
3: Damaged to trailing end GR.
4: Areas of minor sideslope erosion.
8: No U-turn and No Parking signs faded. Park & Ride sign cracked.

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Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

MILE: **47 - Rand Road**
Northbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	6	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Lengthy long. cracking. Some map cracking. Some sealed. Some long. cracks opening up and ravelling.
EOP ravelling. Some potholes. EOP dropoff 0-3".
4: Minor sideslope erosion.

MILE: **47 - Rand Road**
Southbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	8
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. long. and map cracking. sealed. Fines stripped from surface.
3: GR low and flat.
4: Areas of minor slope erosion.
9: Bit. curb breaking up under GR.

MILE: **48 - Portland/Westbrook**
Northbound On

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	9
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv. & long. cracks. Pavement in mill/fill areas an 8. EOP dropoff 0-5".
3: Flattened GR beyond bridge.
4: Minimal ground cover w/ erosion.

MILE: **48 - Portland/Westbrook**
Southbound Off

INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor long. & transv. cracking.
3: GR damage at light pole 5 and bit. curb damage

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Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

MILE: **48 - Portland/Westbrook
Southbound On** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Shoulder pavement shearing. Minor long./transv. cracking.
4: Some slope erosion. EOP dropoff 0-3".

MILE: **48 - Portland/Westbrook
Northbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	9
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	8
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Some gouging at gore. Some long./transv. cracking. Pavement is a 9 from curve forward (profile area). minor transv. cracking.
3: Areas of flattened rail. Post on fleet damaged.
4: Areas of minor slope erosion. Washout at pole 12.
8: Exit 48 sign cracking.
9: Light pole #12 foundation cracked.

MILE: **52 - Falmouth Spur
Southbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. cracks & some long. cracks in shoulder.

MILE: **52 - Falmouth Spur
Northbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

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2016

Inspection Field Report

HNTB Corporation

SECTION: 3

INTERCHANGE RAMPS

MILE:	52 - Falmouth Spur	INSPECTION DATE: 05/09/2016
	Southbound On	INSPECTOR(S): CDH PDB

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	9		

COMMENTS:

INTERCHANGE RAMP DATA

1: Shoulders = 8. Minor Transv. & long. cracks.
4: Area of erosion RT of gore to mainline.

MILE:	52 - Falmouth Spur	INSPECTION DATE: 05/09/2016
	Northbound On	INSPECTOR(S): CDH PDB

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: EOP ravelling. Transv. cracking developing. Long. crack developing.
4: Large area of erosion w/ 2' dropoff undermining pavement & exposing buried conduit behind GR section on RT at split. Other areas of minor erosion.

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GRAY

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Inspection Field Report

HNTB Corporation

SECTION: 4

INTERCHANGE RAMPS

MILE: **53 - West Falmouth/Cumberland Southbound On** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	9	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	9		

COMMENTS:

INTERCHANGE RAMP DATA

1: Some shoulder ravelling. 0-2" dropoff. Gore area is rated 8. Long. & transv. cracking.
4: Areas of minor erosion.
6: Del. down.

MILE: **53 - West Falmouth/Cumberland Northbound On** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

Under Construction to Gore

INTERCHANGE RAMP DATA

1: Transv. & long. cracking. EOP ravelling, 0-4" dropoff. Shoulder breaking
4: Areas of washout

MILE: **53 - West Falmouth/Cumberland Northbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. & long. cracking. EOP ravelling. EOP 0-4" dropoff.
4: Minimal ground cover w/ moderate erosion.
6: Del. down.

MILE: **53 - West Falmouth/Cumberland Southbound Off** INSPECTION DATE: **05/09/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. cracking. Shoulder ravelling; EOP 0-4" dropoff.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 4

INTERCHANGE RAMPS

MILE: **63 - Gray** INSPECTION DATE: **05/09/2016**
Southbound On INSPECTOR(S): **CDH PDB**

1. Pavement	6	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	7	8. Sign	9
4. Side Slope	12	9. Misc	11
5. Catch Basins	7		

COMMENTS:

INTERCHANGE RAMP DATA

1: Numerous transv. and long. cracking, excessively sealed. Potholes and ravelling under interchange bridge. Heavy EOP ravelling. Bit. curb breaking up. EOP dropoff 0-3".
 3: GR flattened and twisted end damaged w/ sharp points.
 4: Minor sideslope erosion.
 5: Pavement damage around CB.

MILE: **63 - Gray** INSPECTION DATE: **05/09/2016**
Northbound Off INSPECTOR(S): **CDH PDB**

1. Pavement	6	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	7		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and map cracking; excessively sealed. Long seam opening up, ravelling. Some potholes. Shoulder 7 or 8; potholes at plaza.
 4: Areas of minor erosion.

MILE: **63 - Gray** INSPECTION DATE: **05/09/2016**
Southbound Off INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	7	8. Sign	9
4. Side Slope	12	9. Misc	11
5. Catch Basins	7		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv., long. and map cracking, excessively sealed. EOP raveling. EOP dropoff 0-6".
 3: Guardrail twisted end flattened. Other areas of flattened rail.

MILE: **63 - Gray** INSPECTION DATE: **05/09/2016**
Northbound On INSPECTOR(S): **CDH PDB**

1. Pavement	6	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	7	9. Misc	11
5. Catch Basins	7		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. and long. cracking, excessively sealed. Map cracking developing, sealed. EOP dropoff 0-3", EOP ravelling.
 3: GR low on high side. Flat & leaning on RT. Twisted end damaged on LT at split.
 4: Minor sideslope erosion

AUBURN

MILE 67.0 to MILE 86.7

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Inspection Field Report

HNTB Corporation

SECTION: 5

INTERCHANGE RAMPS

MILE: **75 - Auburn**
Southbound Off

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv. and long. cracking. EOP ravelling. EOP dropoff at gore 0-6".
4: Shoulder rilling and erosion.
8: No "clearance" sign.

MILE: **75 - Auburn**
Southbound On

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	8
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: EOP ravelling. Minor transv. and long cracking. Accel. lane = 9.
4: Shoulder rilling and erosion.
6: Some posts down.

MILE: **75 - Auburn**
Northbound Off

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Minor transv. and long. cracking. Rutting developing in right-side left turn lane.
3: All steel posts on RT leading fleet (typically wooden).

MILE: **75 - Auburn**
Northbound On

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	6
3. Guardrail	11	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: EOP ravelling. Minor transv. and long cracking.
4: Some slope rilling and erosion.
6: 1 down.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 5

INTERCHANGE RAMPS

MILE: **80 - Lewiston**
Southbound Off

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	9
2. Rutting		7. Pavement Markings	8
3. Guardrail	9	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Construction Zone -Not inspected in 2015.

MILE: **80 - Lewiston**
Southbound On

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	9
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	9		

COMMENTS:
Construction Zone -Not inspected in 2015.

INTERCHANGE RAMP DATA
1: Transv. and long cracking, sealed.

MILE: **80 - Lewiston**
Northbound Off

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **HME PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	9	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Construction Zone -Not inspected in 2015.

MILE: **80 - Lewiston**
Northbound On

INSPECTION DATE: **05/05/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	9	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	9	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:
Construction Zone -Not inspected in 2015.

INTERCHANGE RAMP DATA
1: Large trans crack.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 5

INTERCHANGE RAMPS

MILE: **86 - Sabattus**
Southbound On

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	9
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and map cracking, mostly sealed.
3: GR flattened @ beginning of curve.

MILE: **86 - Sabattus**
Southbound Off

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	9
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and map cracking. Some sealed. Surface delamination with fines stripped off. Seam opening up. Gore area "hand-placed"=6. Fines coming thru.

MILE: **86 - Sabattus**
Northbound Off

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	6	6. Delineators	9
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and map cracking. Fines coming out (stripped). Seam opening up with potholes developing at shoulder. EOP dropoff 0-4". Shoulder is an 8.

MILE: **86 - Sabattus**
Northbound On

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	8	8. Sign	9
4. Side Slope	8	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long., transv. and map cracking. Mostly sealed.
4: Minor sideslope erosion.
8: "Prohibited on this Highway" sign connections appear loose; sways in wind.

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GARDINER

MILE 100.2 to MILE 108.8

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 7

INTERCHANGE RAMPS

MILE: **102 Gardiner**
Northbound Off

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	8
3. Guardrail	11	8. Sign	9
4. Side Slope	9	9. Misc	11
5. Catch Basins	8		

COMMENTS:

INTERCHANGE RAMP DATA

1: Older pavement for 1st 100', rates a 7. Minor long. and transv. cracking. Map cracking at gore. Left shoulder breaking up. Long. cracks developing at shoulder seam. EOP dropoff 0-3".
4: Moderate slope erosion.

MILE: **102 Gardiner**
Southbound On

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	9
4. Side Slope	7	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Shoulder: moderate to severe map cracking and ravelling w/ potholes developing.. Transv. and long. cracking, not sealed. Rutting and map cracking in approach to bridge. EOP dropoff 0-3".
4: Slope erosion under bridge railing.

MILE: **103 Gardiner**
Northbound On

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	8	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	11	8. Sign	8
4. Side Slope	8	9. Misc	11
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Transv. and long. cracking. No sealing. EOP raveling after toll plaza. Some potholes developing along seam. Long. joints sep. in areas. Rutting in mainline road. Large PH in gravel shoulders.
4: Gully on slope at MM 103.
8: Merge sign cracked and faded, MTA symbol faded. Begin I-95 & End I-295 signs faded.

MILE: **103 Gardiner**
Southbound Off

INSPECTION DATE: **05/06/2016**
INSPECTOR(S): **CDH PDB**

1. Pavement	7	6. Delineators	8
2. Rutting		7. Pavement Markings	7
3. Guardrail	9	8. Sign	9
4. Side Slope	8	9. Misc	8
5. Catch Basins	11		

COMMENTS:

INTERCHANGE RAMP DATA

1: Long. and transv. cracking, no sealing. Some potholes in shoulder. EOP dropoff 0-4". Minor rutting developing.
4: Slope erosion, some rilling.
8: Toll Plaza 1500 Ft sign wearing.

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Chapter E
Toll Plazas

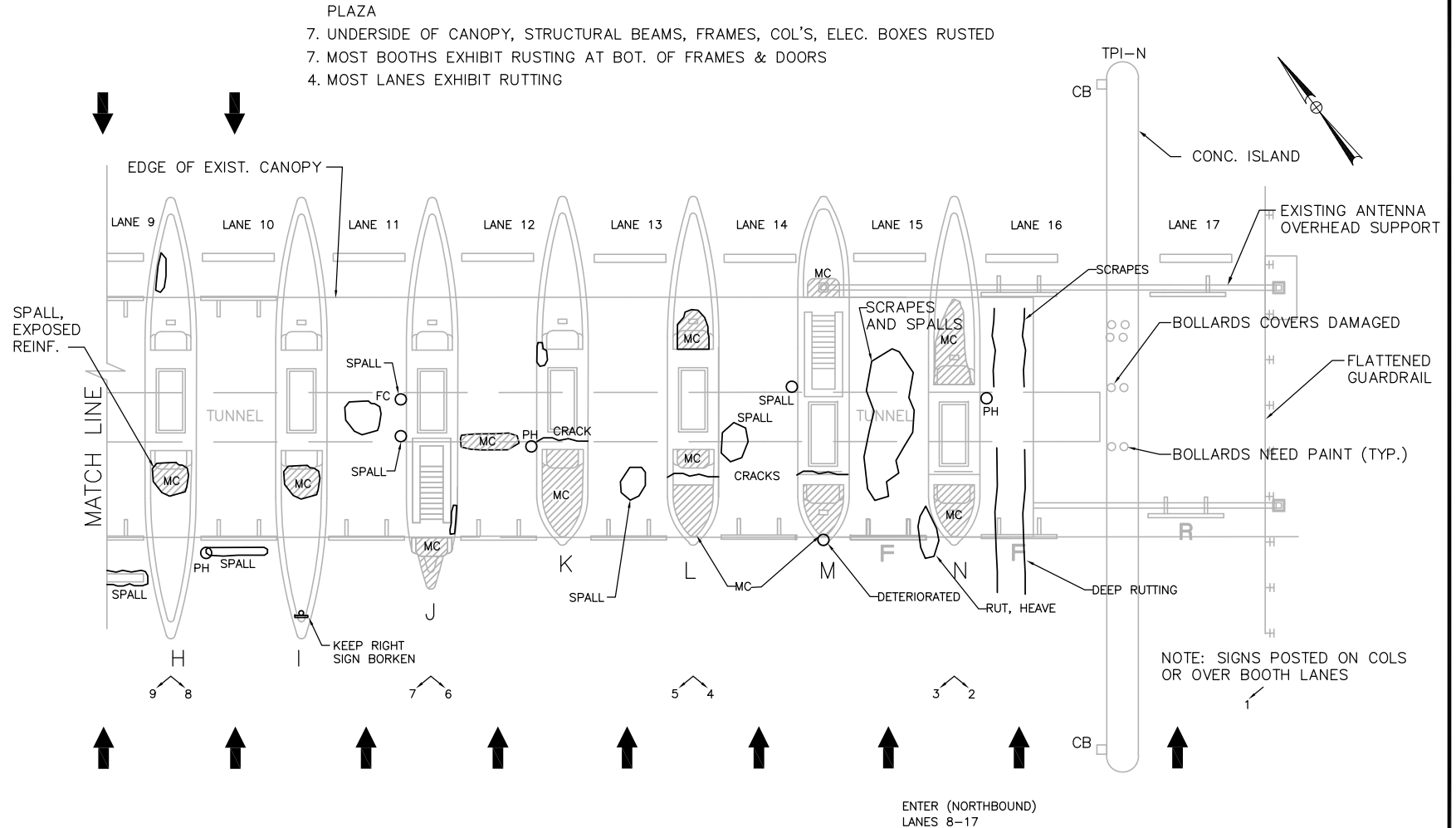
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YORK

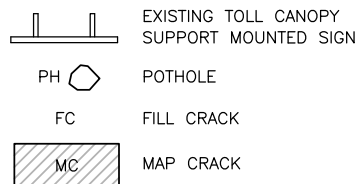
MILE 0.3 to MILE 20.0

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INSPECTORS: HME/PDB
INSPECTION DATE: 3/31/16



LEGEND



PLAN
N.T.S.

Maine Turnpike Authority Maine Turnpike	
	YORK BARRIER TOLL
PLAN VIEW-NB BARRIER TOLL MM 7	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 2 of 2

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1	EXIT or MILE: 7.3	Toll Plaza - York	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/31/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	5	1. Height Detectors	11	1. Doors	7	7. Electrical	7
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	7	8. Heaters	8
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls	7	9. Seepage	7
4. Sidewalk - Bit.	11	4. Pavements	12	4. Ceiling	7	10. Stairwell	8
5. Curbing - Gran.	8	5. Drainage	7	5. Lights	8	11. Fan	8
6. Curbing - Bituminous	7	6. Ground Cover	8	6. Plumbing	8	12. Miscellaneous	11
7. Ground Cover	8	7. Miscellaneous	7				
		BUILDING INTERIOR					
BUILDING EXTERIOR		BASEMENT		FIRST FLOOR			
1. Painting	9	1. Paint	7	1. Paint	9	7. Electrical	8
2. Roof	9	2. Floors		2. Floors	7	8. Windows	9
3. Chimney	8	3. Walls		3. Walls	8	9. Chimney	9
4. Walls	8	4. Ceiling	8	4. Ceiling	8	10. Stairs	8
5. Doors	9	5. Lights	8	5. Lights	8	11. Miscellaneous	11
6. Windows	9	6. Plumbing	8	6. Plumbing	8		
7. Miscellaneous	7	7. Electrical	9				
		8. Miscellaneous	11				

BASEMENT

3: 2 holes in S. wall of generator room(N. wall of boiler room). Paint peeling in room to right of stairway to basement, soot on walls.

8: Loose hardware on generator room door knob.

BUILDING AREA

1: Severe map cracking in employee parking area and access road.

3: Sidewalk has settled near crosswalk to tolls, tripping hazard. Cracks at wheelchair ramp into parking area.

7: Hole in junc. box in esplanade at parking area.

BUILDING EXTERIOR

4: Map cracks in foundation stucco coating at base of chimney. Crack in wall over back door (continuous up block).

7: Brick retaining wall falling apart at N. entrance, 4" PVC-pipe exposed N. wall.

EQUIPMENT

5: One being replaced.

FIRST FLOOR

2: Tiles chipped and cracking throughout. Hole under elec. box in breakroom.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1 **EXIT or MILE: 7.3**

Toll Plaza - York

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/31/2016

4: 2 holes in Transcore's ceiling. Tiles cracked in janitors closet. Ceiling fan in men's room needs cleaning.

6: Leak in Janitor's sink.

7: Transcore room light out.

PLAZA

2: #24 hole

3: No plate #6, 25, 5, 4. Collision damage #4.

5: Severe drainage swale slope erosion in several places.

7: "End Toll Plaza Speed" Sign Down NB, "No Stopping" Sign Down NB, Delineator down NB & SB

TUNNEL

1: All doors and frames rusted at bottom of booth stairs.

2: Joint on W. end jarred-potential tripping hazard. Joint is rusted and wedged. Floor anti-slip/skid paint lifted in several places; worn in several places.

3: Walls have cracks with some eff.-various locations.

4: Some cracks with eff.-various locations. First tunnel joint severely damaged from seepage. Incipient spall w/ exp. rebar near booth A.

6: Minor damage to pipe insulation, various locations. Some pipes/conduits rusted. Floor drains broken.

7: Several electrical/junction boxes on ceiling severely corroded. 3" steel conduit disconnected at panel-k.

9: Signs of seepage with eff. at joint on W. end. Moisture on lower S. wall near lane 6.

10: G: handrail loose. J: emergency exit sign missing. M: Crack under exterior light.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

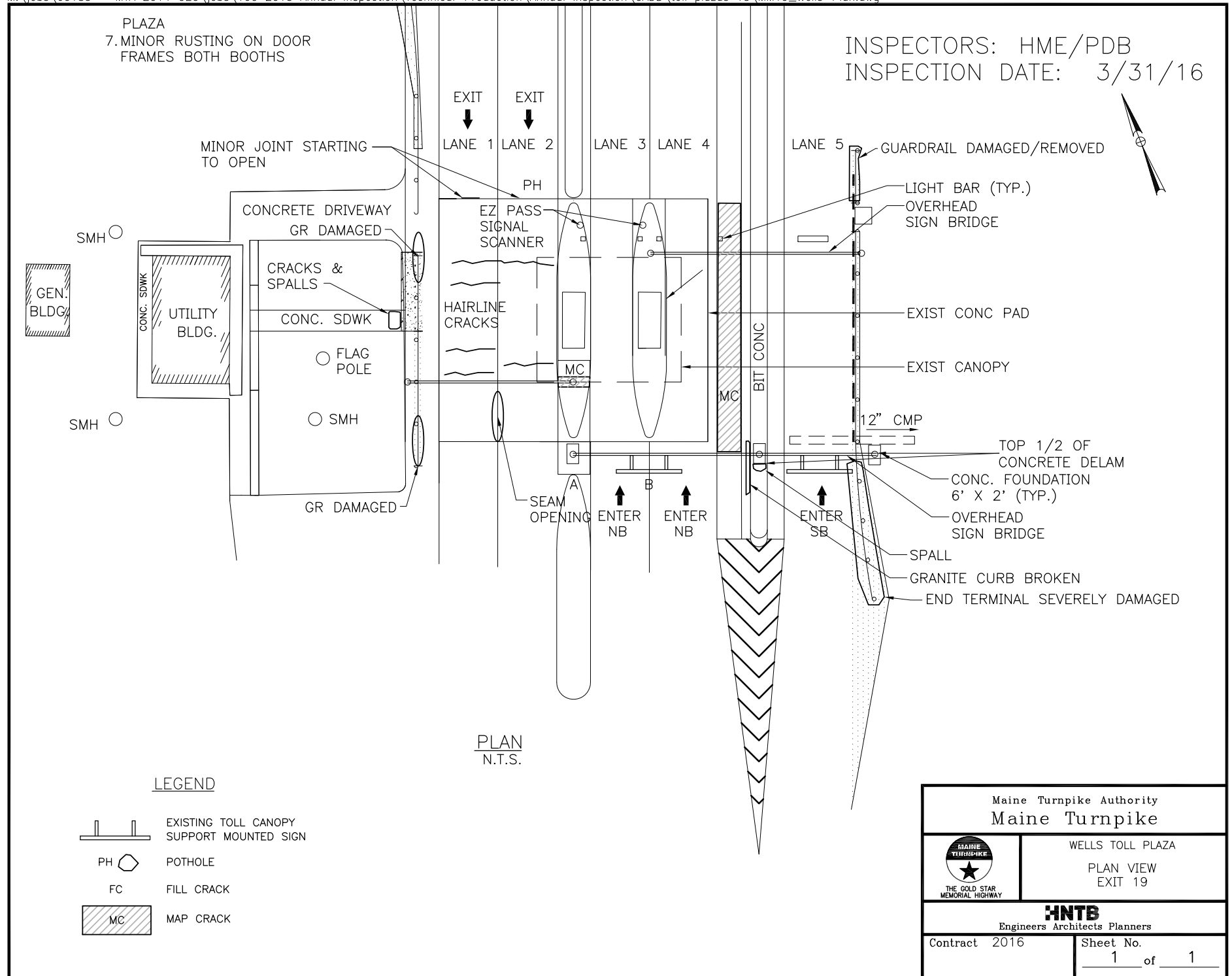
Inspection Field Report

HNTB Corporation

SECTION: 1	EXIT or MILE: 7.3	Toll Plaza - York	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/31/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	<u>J</u>	<u>K</u>	<u>L</u>	<u>M</u>	<u>N</u>	<u>TPI-NTPI-S</u>		
1. BOOTHS - SHELL	7	8	8	8	8	8	8	8	8	8	7	7	8	8	11	11	
2. CANOPY	8	8	8	8	8	6	6	6	6	6	6	6	6	8	11	11	
3. DOORS	8	9	8	8	8	8	8	7	8	8	8	8	8	8	11	11	
4. GLASS	9	9	9	9	9	9	9	9	9	9	9	9	9	9	11	11	
5. PAINT	8	8	8	8	7	7	7	7	7	7	7	7	7	8	11	11	
6. LIGHTS	8	8	8	8	7	7	8	7	8	8	8	7	8	8	11	11	
7. CONCRETE BUMPER	8	8	8	8	8	8	8	7	7	7	7	5	5	5	11	11	
8. CURB	11	11	8	8	8	8	8	8	8	8	8	8	7	7	9	8	
9. CONCRETE ISLAND - CRACKS	7	7	7	8	8	8	7	8	8	8	8	7	7	7	9	8	
10. CONCRETE ISLAND - SPALLS	7	7	7	8	8	8	7	8	8	8	7	8	7	8	9	8	
11. FASCIA - BOOTH	8	8	8	8	7	6	8	8	8	8	8	7	7	8	11	11	
12. FASCIA - CANOPY	8	8	8	8	6	6	6	6	6	6	6	6	6	8	11	11	
13. HEATER	9	9	9	9	9	9	9	9	9	9	8	9	8	8	11	11	
14. CEILING	9	9	9	9	8	9	9	8	8	9	9	9	8	8	11	11	
15. ELECTRIC	9	9	9	9	9	9	9	9	8	9	9	8	9	8	11	11	
16. MISCELLANEOUS	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
1. CONCRETE - CRACKS	11	8	8	9	9	8	11	9	11	9	8	9	9	9	11	11	11
2. CONCRETE - MAP CRACKING	11	8	8	9	9	8	11	9	11	9	9	9	9	9	11	11	11
3. CONCRETE - SPALLING	11	7	7	9	9	8	11	9	11	7	9	9	9	9	11	11	11
4. BITUMINOUS - POTHOLE	8	7	8	8	9	7	9	7	9	8	8	8	8	8	8	8	8
5. BITUMINOUS - RUTTING	7	7	7	7	9	7	8	8	9	8	8	8	9	9	8	8	9
6. TREADLES	9	9	8	8	9	8	8	9	7	9	8	8	9	8	8	9	9
7. TREADLES CONCRETE	9	7	8	8	9	8	8	9	7	9	8	8	9	8	7	9	9
8. TOLL EQUIPMENT	8	8	8	8	8	9	8	8	9	8	8	8	8	9	9	8	9
9. MISCELLANEOUS	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

TOLL PLAZA



Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1	EXIT or MILE: 19.3	Toll Plaza - Wells	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/31/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors	7. Electrical	1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	8. Heaters	2. Sump Pump	11
3. Sidewalk - Conc.	8	3. Lights - Base	8	3. Walls	9. Seepage	3. Heater	8
4. Sidewalk - Bit.	11	4. Pavements	10	4. Ceiling	10. Stairwell	4. Boiler	8
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	11. Fan	5. Circulating Pump	8
6. Curbing - Bituminous	11	6. Ground Cover	7	6. Plumbing	12. Miscellaneous		
7. Ground Cover	7	7. Miscellaneous	8				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	9	1. Paint		1. Paint	7
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	8	3. Walls		3. Walls	8
4. Walls	8	4. Ceiling		4. Ceiling	8
5. Doors	8	5. Lights		5. Lights	8
6. Windows	8	6. Plumbing		6. Plumbing	8
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			

Lane 5 is bit. conc. pavement.

BUILDING AREA

- 1: EOP breaking up. Cracks beginning to open up.
- 3: Minor spalling at edge of sidewalk around building. Cracks and spalling on sidewalk to islands.

BUILDING EXTERIOR

- 2: Moss growth on roof.
- 5: None of the keys in the set fit in lock.

EQUIPMENT

- 1: Signs of leakage under generator, floor is damp.

FIRST FLOOR

- 2: Floor tile cracking by front door and on N. wall in breakroom. Crack near grate in boiler room.
- 4: Opening in ceiling of rear electrical room. Water damage in ceiling Boiler Room. Gas line ceiling support in Boiler Room hanging.
- 6: Pipe insulation in boiler room deteriorated.
- 11: Rat feces in Generator Room. Radiator rusting in Bathroom.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 1 EXIT or MILE: 19.3

Toll Plaza - Wells

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/31/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	8	8
2. CANOPY	9	9
3. DOORS	8	8
4. GLASS	9	9
5. PAINT	8	8
6. LIGHTS	8	8
7. CONCRETE BUMPER	9	9
8. CURB	9	9
9. CONCRETE ISLAND - CRACKS	9	9
10. CONCRETE ISLAND - SPALLS	9	9
11. FASCIA - BOOTH	9	8
12. FASCIA - CANOPY	9	9
13. HEATER	9	8
14. CEILING	8	8
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
1. CONCRETE - CRACKS	8	8	9	9	9
2. CONCRETE - MAP CRACKING	9	8	9	9	9
3. CONCRETE - SPALLING	9	9	9	9	9
4. BITUMINOUS - POTHOLE	9	9	9	9	9
5. BITUMINOUS - RUTTING	9	9	8	8	9
6. TREADLES	11	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11	11
8. TOLL EQUIPMENT	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	11	11

LANE

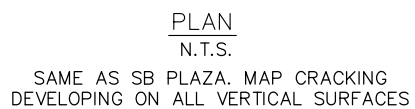
9: Guardrail damaged lane 5. Exiting Green Canopy Light not working.

TOLL PLAZA

KENNEBUNK

MILE 20.0 to MILE 38.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2	EXIT or MILE: 25.5	Toll Plaza - Kennebunk NB	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/31/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors		1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	8	3. Lights - Base	8	3. Walls		3. Heater	11
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling		4. Boiler	11
5. Curbing - Gran.	7	5. Drainage	8	5. Lights		5. Circulating Pump	11
6. Curbing - Bituminous	11	6. Ground Cover	7	6. Plumbing			
7. Ground Cover	7	7. Miscellaneous	8				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	9	1. Paint		1. Paint	11
2. Roof	9	2. Floors		2. Floors	9
3. Chimney	11	3. Walls		3. Walls	9
4. Walls	8	4. Ceiling		4. Ceiling	11
5. Doors	8	5. Lights		5. Lights	9
6. Windows	11	6. Plumbing		6. Plumbing	11
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			

Rating for First Floor apply to both Storage and Generator shed.

BUILDING AREA

3: Void between curb and sidewalk slabs, 3/4" - 1 1/2".

FIRST FLOOR

9: Moisture stain on East Side Generator Room.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2 EXIT or MILE: 25.5

Toll Plaza - Kennebunk NB

INSPECTOR(S):

HME PDB

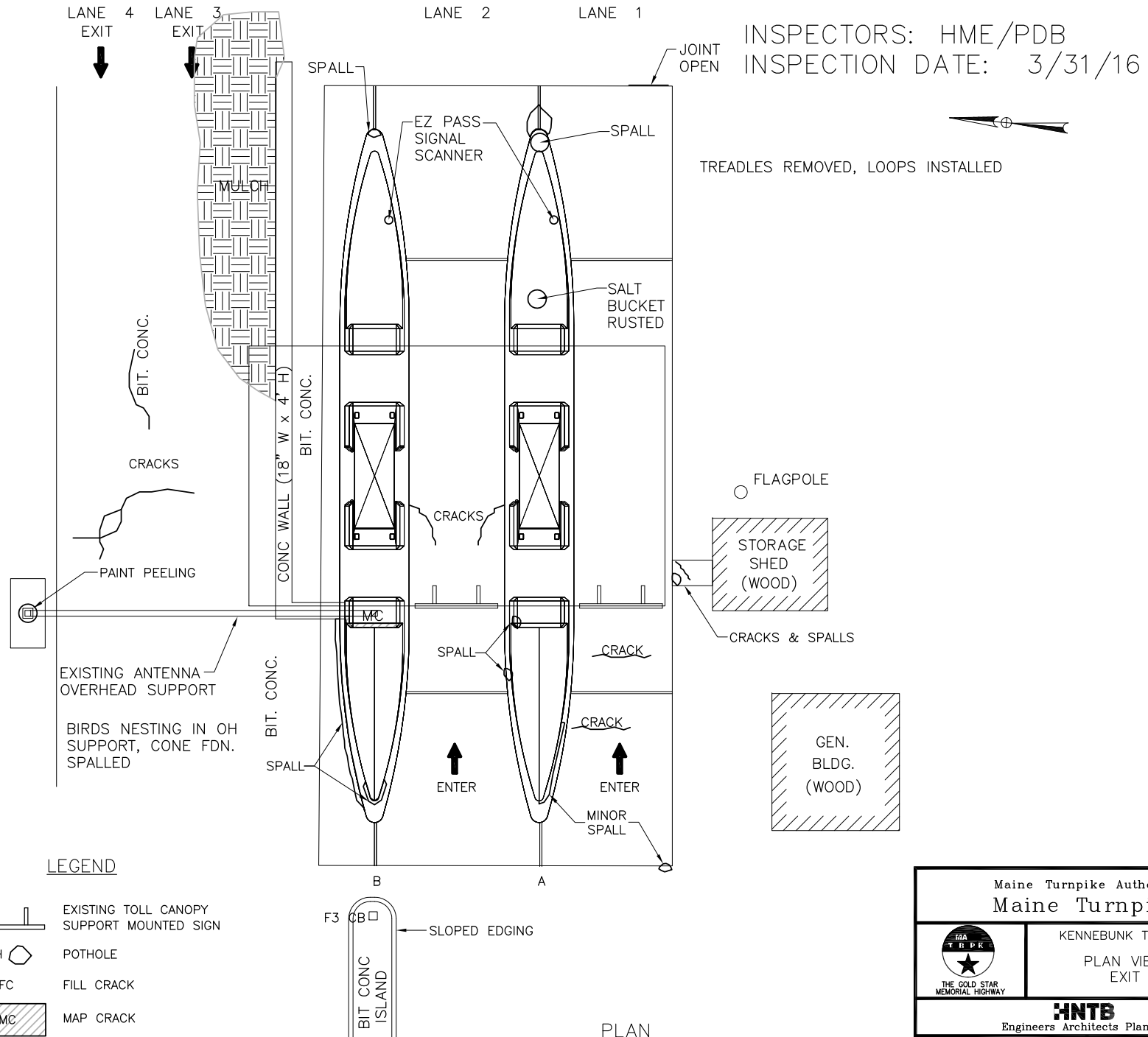
INSPECTION DATE:


03/31/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	9	9
2. CANOPY	8	8
3. DOORS	8	8
4. GLASS	9	9
5. PAINT	9	9
6. LIGHTS	8	8
7. CONCRETE BUMPER	8	8
8. CURB	9	9
9. CONCRETE ISLAND - CRACKS	8	8
10. CONCRETE ISLAND - SPALLS	8	8
11. FASCIA - BOOTH	9	9
12. FASCIA - CANOPY	9	9
13. HEATER	9	9
14. CEILING	9	9
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. CONCRETE - CRACKS	11	11	10	10
2. CONCRETE - MAP CRACKING	11	11	10	10
3. CONCRETE - SPALLING	11	11	10	10
4. BITUMINOUS - POTHOLE	8	8	9	9
5. BITUMINOUS - RUTTING	8	8	9	9
6. TREADLES	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11
8. TOLL EQUIPMENT	10	10	10	10
9. MISCELLANEOUS	11	11	11	11

TOLL PLAZA



Maine Turnpike Authority Maine Turnpike	
 <small>THE GOLD STAR MEMORIAL HIGHWAY</small>	KENNEBUNK TOLL PLAZA PLAN VIEW-SB EXIT 25
	HNTB <small>Engineers Architects Planners</small>
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2	EXIT or MILE: 25.7	Toll Plaza - Kennebunk SB	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/31/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors		1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls		3. Heater	11
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling		4. Boiler	11
5. Curbing - Gran.	11	5. Drainage	8	5. Lights		5. Circulating Pump	11
6. Curbing - Bituminous	11	6. Ground Cover	7	6. Plumbing			
7. Ground Cover	7	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	9	1. Paint		1. Paint	11
2. Roof	9	2. Floors		2. Floors	8
3. Chimney	11	3. Walls		3. Walls	9
4. Walls	8	4. Ceiling		4. Ceiling	11
5. Doors	8	5. Lights		5. Lights	9
6. Windows	11	6. Plumbing		6. Plumbing	11
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			
				7. Electrical	9
				8. Windows	11
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

3: Cracking & spalling, 4'x4' total area.

7: Minimal ground cover/minor erosion adj. to employee parking.

BUILDING EXTERIOR

7: Slab foundation undermined on W. side at SW corner (storage shed).

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2 EXIT or MILE: 25.7

Toll Plaza - Kennebunk SB

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/31/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	8	8
2. CANOPY	8	8
3. DOORS	8	8
4. GLASS	9	9
5. PAINT	8	8
6. LIGHTS	8	8
7. CONCRETE BUMPER	8	8
8. CURB	8	8
9. CONCRETE ISLAND - CRACKS	8	8
10. CONCRETE ISLAND - SPALLS	8	8
11. FASCIA - BOOTH	8	8
12. FASCIA - CANOPY	8	8
13. HEATER	8	9
14. CEILING	9	9
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. CONCRETE - CRACKS	9	9	11	11
2. CONCRETE - MAP CRACKING	9	9	11	11
3. CONCRETE - SPALLING	9	9	11	11
4. BITUMINOUS - POTHOLE	9	9	9	9
5. BITUMINOUS - RUTTING	9	9	9	9
6. TREADLES	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11
8. TOLL EQUIPMENT	10	10	10	10
9. MISCELLANEOUS	11	11	11	11

TOLL PLAZA

LEGEND



EXISTING TOLL CANOPY
SUPPORT MOUNTED SIGN

PH 

POTHOLE

FC

FILL CRACK

MC

MAP CRACK

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2	EXIT or MILE: 31.6	Toll Plaza - Biddeford	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/23/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	6	1. Height Detectors	11	1. Doors		1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls		3. Heater	11
4. Sidewalk - Bit.	11	4. Pavements	7	4. Ceiling		4. Boiler	8
5. Curbing - Gran.	8	5. Drainage	8	5. Lights		5. Circulating Pump	8
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing			
7. Ground Cover	8	7. Miscellaneous	7				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	9	1. Paint		1. Paint	9
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	11	3. Walls		3. Walls	8
4. Walls	9	4. Ceiling		4. Ceiling	8
5. Doors	9	5. Lights		5. Lights	8
6. Windows	9	6. Plumbing		6. Plumbing	8
7. Miscellaneous	8	7. Electrical		7. Electrical	9
		8. Miscellaneous		8. Windows	9
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	9

BUILDING AREA

- 1: Transv. map cracking and long. cracks with potholes. Settlement around both basins on Access Road.
- 3: Minor spalling at joints.

BUILDING EXTERIOR

- 2: Roof stained around chimney, equipment building.
- 7: Downspout broken, soffit vent missing (Universal storage shed).

FIRST FLOOR

- 4: Water stains on bathroom ceiling tile - under cupola - 3 tiles, tile stain in janitor closet. Hole in Boiler Room ceiling and stain.
- 5: Kitchen light out.
- 6: Water shutoff handle missing on toilet.
- 7: Exposed telephone wires in Boiler Room.
- 11: Radiator fin tube cover missing. Abundance of rodent feces (Generator Room).

PLAZA

- 3: Rusted corroded conduit line on pole #2, wire exposed. Pole #1 missing cap. Abandoned pole missing cap with wires exposed. Light pole #1 missing cover plate.
- 7: Guardrail adj. to lane 1 and near propane tanks on exiting side of plaza damaged. Both BCT's damaged.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2 EXIT or MILE: 31.6

Toll Plaza - Biddeford

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/23/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>
1. BOOTHS - SHELL	8	8	7
2. CANOPY	7	7	7
3. DOORS	7	7	7
4. GLASS	9	9	9
5. PAINT	8	8	8
6. LIGHTS	9	9	9
7. CONCRETE BUMPER	7	7	7
8. CURB	8	8	8
9. CONCRETE ISLAND - CRACKS	7	8	8
10. CONCRETE ISLAND - SPALLS	7	8	7
11. FASCIA - BOOTH	8	8	7
12. FASCIA - CANOPY	8	8	8
13. HEATER	9	9	9
14. CEILING	8	8	8
15. ELECTRIC	9	9	9
16. MISCELLANEOUS	11	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
1. CONCRETE - CRACKS	8	7	8	8	8
2. CONCRETE - MAP CRACKING	8	7	8	8	8
3. CONCRETE - SPALLING	8	6	7	7	7
4. BITUMINOUS - POTHOLE	8	8	8	8	8
5. BITUMINOUS - RUTTING	8	7	6	6	6
6. TREADLES	11	11	8	8	8
7. TREADLES CONCRETE	11	11	8	8	8
8. TOLL EQUIPMENT	8	8	8	8	8
9. MISCELLANEOUS	11	11	11	11	11

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2	EXIT or MILE: 35.7	Toll Plaza - Saco	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/23/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors	7. Electrical	1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	8. Heaters	2. Sump Pump	11
3. Sidewalk - Conc.	8	3. Lights - Base	8	3. Walls	9. Seepage	3. Heater	8
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling	10. Stairwell	4. Boiler	8
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	11. Fan	5. Circulating Pump	8
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	12. Miscellaneous		
7. Ground Cover	8	7. Miscellaneous	6				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	9	1. Paint		1. Paint	9
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	8	3. Walls		3. Walls	8
4. Walls	8	4. Ceiling		4. Ceiling	8
5. Doors	8	5. Lights		5. Lights	8
6. Windows	8	6. Plumbing		6. Plumbing	9
7. Miscellaneous	8	7. Electrical		7. Electrical	9
		8. Miscellaneous		8. Windows	8
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

1: GR damaged & leaning at employee parking lot.

BUILDING EXTERIOR

2: Drip edge rusted all around.

3: Roof discoloration under chimney. Rust at chimney.

7: Corrosion on exterior salt box.

EQUIPMENT

4: Rust on East Side of heater. Conduit box loose above Boiler Door.

FIRST FLOOR

3: Holes in walls from old utilities SW corner. Exposed framing. Crack in Boiler Room near windows. Holes in wall by Boiler Exhaust bracket.

4: Peeling above Boiler.

7: Electrical boxes hanging due to unfinished repairs.

11: Corrosion of pipes in boiler room in pit below grate.

PLAZA

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2 **EXIT or MILE: 35.7**

Toll Plaza - Saco

INSPECTOR(S): **HME PDB**

INSPECTION DATE: **03/23/2016**

3: Light base east of plaza breaking up on side farthest from roadway. Grout between cast foundation and pole failing - suggest remove and replace.

7: Plaza canopy roof light not working. Approach barrier starting to fail with large spalls and chips. Plaza roof in need of repairs or replacement, see comments during HNTB inspection earlier 2013.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 2 EXIT or MILE: 35.7

Toll Plaza - Saco

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/23/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>
1. BOOTHS - SHELL	7	8	8
2. CANOPY	6	6	6
3. DOORS	6	6	7
4. GLASS	9	9	9
5. PAINT	7	7	7
6. LIGHTS	6	6	6
7. CONCRETE BUMPER	8	8	12
8. CURB	8	8	12
9. CONCRETE ISLAND - CRACKS	8	8	12
10. CONCRETE ISLAND - SPALLS	7	7	12
11. FASCIA - BOOTH	8	7	8
12. FASCIA - CANOPY	7	7	7
13. HEATER	9	9	12
14. CEILING	8	8	12
15. ELECTRIC	9	9	12
16. MISCELLANEOUS	11	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
1. CONCRETE - CRACKS	7	7	7	7	12	9
2. CONCRETE - MAP CRACKING	7	7	8	8	-12	9
3. CONCRETE - SPALLING	6	6	7	7	12	9
4. BITUMINOUS - POTHOLE	7	7	7	7	12	9
5. BITUMINOUS - RUTTING	8	8	7	8	12	9
6. TREADLES	11	11	8	8	12	11
7. TREADLES CONCRETE	11	11	8	8	12	11
8. TOLL EQUIPMENT	9	9	8	8	12	9
9. MISCELLANEOUS	11	11	11	11	12	9

TOLL PLAZA

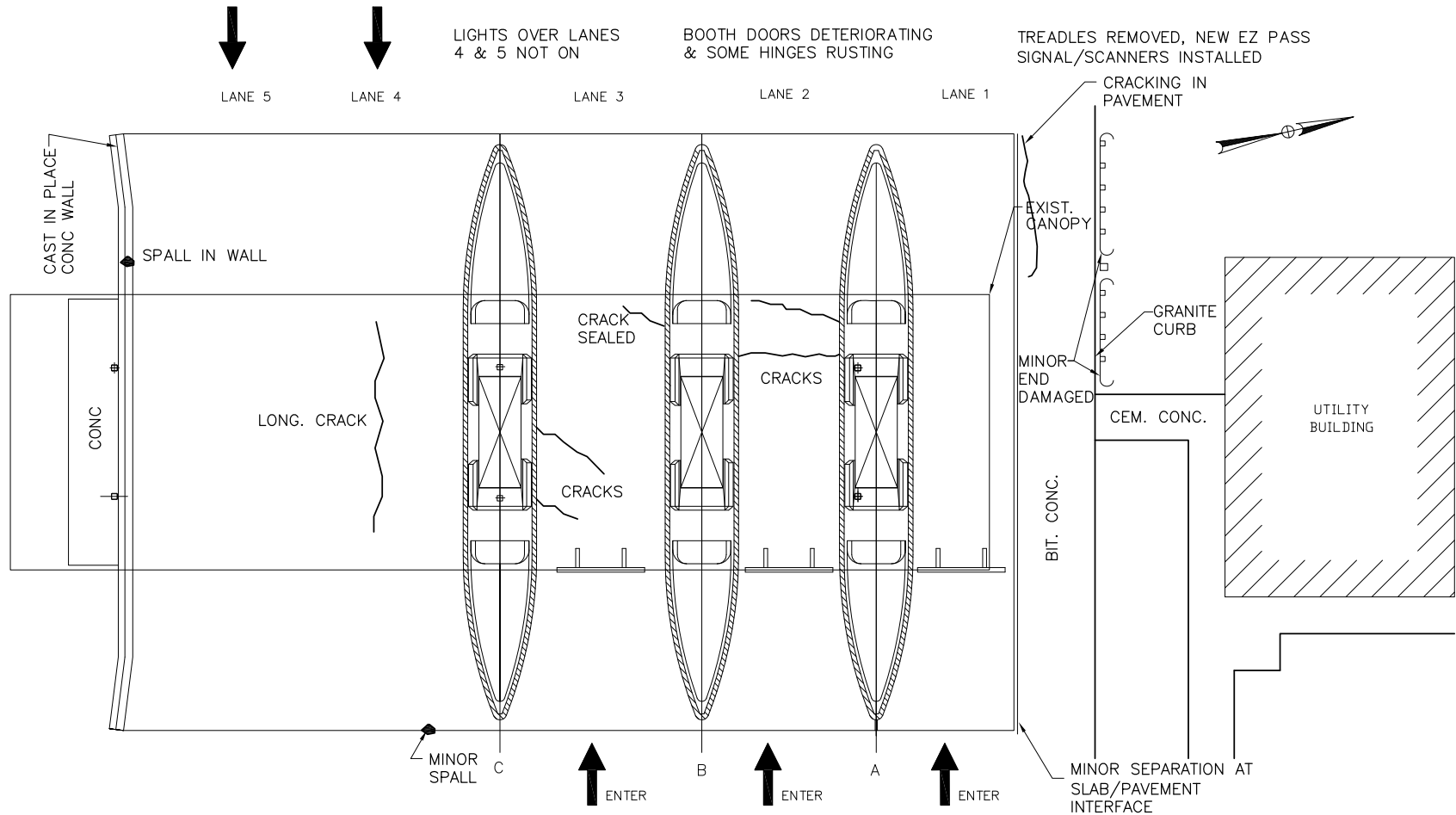
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


MILE 38.0 to MILE 52.7


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INSPECTORS: HME/PDB
INSPECTION DATE: 3/22/16



LEGEND

-  EXISTING TOLL CANOPY
SUPPORT MOUNTED SIGN
-  PH POT HOLE
-  FC FILL CRACK
-  MC MAP CRACK

Maine Turnpike Authority Maine Turnpike	
SCARBOROUGH TOLL PLAZA	
PLAN VIEW EXIT 42	
	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 42.5	Toll Plaza - Scarborough	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors		1. Generator	8
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	8	3. Lights - Base	7	3. Walls		3. Heater	8
4. Sidewalk - Bit.	11	4. Pavements	9	4. Ceiling		4. Boiler	8
5. Curbing - Gran.	8	5. Drainage	8	5. Lights		5. Circulating Pump	8
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing			
7. Ground Cover	7	7. Miscellaneous	8				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	9	1. Paint		1. Paint	8
2. Roof	11	2. Floors		2. Floors	8
3. Chimney	9	3. Walls		3. Walls	8
4. Walls	9	4. Ceiling		4. Ceiling	8
5. Doors	9	5. Lights		5. Lights	8
6. Windows	9	6. Plumbing		6. Plumbing	8
7. Miscellaneous	8	7. Electrical			
		8. Miscellaneous			
				7. Electrical	9
				8. Windows	9
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

3: Sidewalk joints should be recaulked. Rear step separating from sidewalk, re-caulk.

BUILDING EXTERIOR

7: No conduit on wire near mechanical room door (television cable wire). Concrete pads separating from sidewalk (should recaulk both). Rear conduit box on building has no cover.

FIRST FLOOR

2: Rust stains under table.

3: Molding near floor coming apart-should be epoxied.

4: Water stain on ceiling in toll equipment room. Water damage in corner of storage room and above the kitchen area.

11: Louver in generator room rusted near floor. Generator exhaust rusted.

PLAZA

2: Missing cover #6.

3: Base skirt of both northerly poles damaged.

5: Leak in Canopy Drain Pipe most southernly. Two bent and cracked bars at catch basin grate, parking area E. side.

7: Many slats from the canopy ceiling are missing or loose.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 EXIT or MILE: 42.5

Toll Plaza - Scarborough

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/22/2016

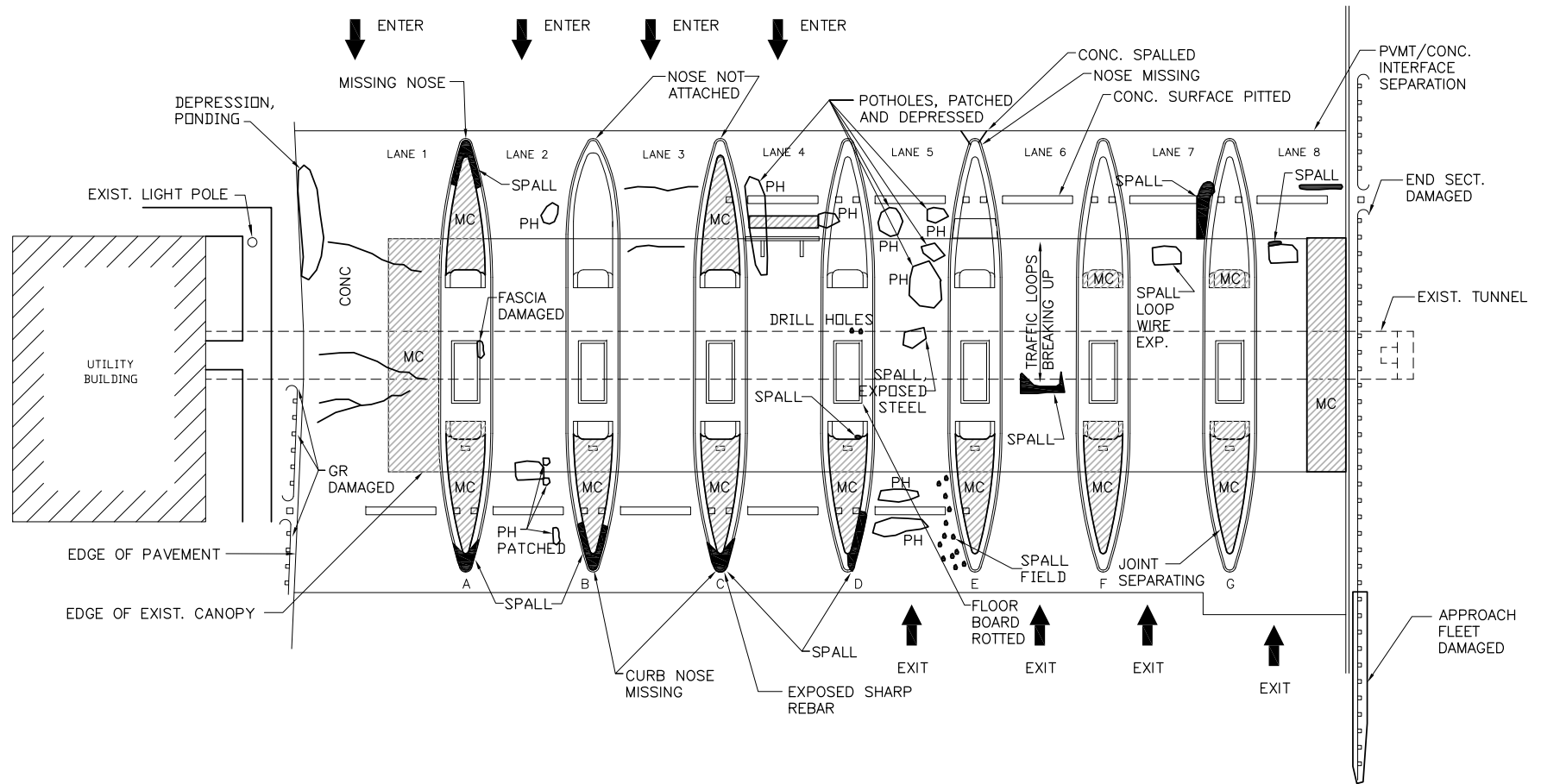
ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>
1. BOOTHS - SHELL	9	9	9
2. CANOPY	8	8	8
3. DOORS	9	9	8
4. GLASS	9	9	9
5. PAINT	9	9	9
6. LIGHTS	9	9	9
7. CONCRETE BUMPER	8	8	8
8. CURB	8	8	8
9. CONCRETE ISLAND - CRACKS	8	8	8
10. CONCRETE ISLAND - SPALLS	8	8	8
11. FASCIA - BOOTH	9	9	9
12. FASCIA - CANOPY	9	9	9
13. HEATER	9	9	9
14. CEILING	8	9	9
15. ELECTRIC	9	9	9
16. MISCELLANEOUS	11	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
1. CONCRETE - CRACKS	9	9	9	9	9
2. CONCRETE - MAP CRACKING	9	9	9	9	9
3. CONCRETE - SPALLING	9	9	9	9	9
4. BITUMINOUS - POTHOLE	9	9	9	9	9
5. BITUMINOUS - RUTTING	9	9	9	9	9
6. TREADLES	11	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11	11
8. TOLL EQUIPMENT	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	11	11

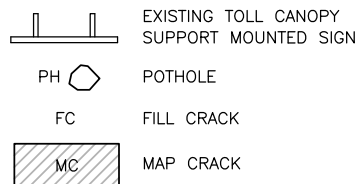
TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 3/23/16


PLAZA
7. UNDERSIDE OF CANOPY RUSTED AND PEELING PAINT
DEBRIS BUILD UP & RUSTING AT BOT. OF CONDUITS
ON ISL'S (TYP FOR ALL)
MOST DOOR FRAMES RUSTED AT BOTTOM



LEGEND



PLAN
N.T.S.

Maine Turnpike Authority Maine Turnpike	
I-295 BARRIER TOLL	
PLAN VIEW BARRIER TOLL AT EXIT 44	
	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 44.3	Toll Plaza - I-295 Connector	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/23/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors	12	7. Electrical	12
2. Parking Areas - Commuter	11	2. Lights - Poles	7	2. Floors	12	8. Heaters	12
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls	12	9. Seepage	12
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling	12	10. Stairwell	12
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	12	11. Fan	12
6. Curbing - Bituminous	10	6. Ground Cover	7	6. Plumbing	12	12. Miscellaneous	12
7. Ground Cover	7	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	8	1. Paint	12	1. Paint	9
2. Roof	8	2. Floors		2. Floors	9
3. Chimney	8	3. Walls		3. Walls	8
4. Walls	8	4. Ceiling	12	4. Ceiling	8
5. Doors	9	5. Lights	12	5. Lights	8
6. Windows	8	6. Plumbing	12	6. Plumbing	8
7. Miscellaneous	11	7. Electrical	12		
		8. Miscellaneous	12		
				7. Electrical	8
				8. Windows	9
				9. Chimney	11
				10. Stairs	8
				11. Miscellaneous	11

BUILDING AREA

3: Minor spalling at joints in conc. walk.

BUILDING EXTERIOR

2: Corrosion at coupula vent. Ice guard broken in select locations.

7: Slope erosion back of plaza adj. to employee parking.

EQUIPMENT

1: Could use paint on hoses.

FIRST FLOOR

1: Paint chip by bathroom door

2: Signs of water damage on E. corner.

3: Corrosion around baseboard at main entrance. Gen. room-vert. crack in wall near door (both ext. and int. walls). Boiler room-horizontal & vertical crack near window. Vertical crack near door extending to interior wall.

4: Corrosion around Interior Exhaust pipe at ceiling. Two damaged tiles. Steel below bond beam not carried to fascia brick. (2) Stained tiles near back door. Hole in tile above waste storage door/door to tunnel.

Corrosion/water damage at Galvanized Electrical Conduit.

7: Comm. box fallen at managers desk.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 **EXIT or MILE: 44.3**

Toll Plaza - I-295 Connector

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/23/2016

PLAZA

2: Light pole DOT 5160 (at plaza) dented 2" in 2 places at base. Light pole DOT 5161 dented 2" at base, cover off. Light pole DOT 5162 cover plate detached, minor dent above base, and side slope erosion. Light pole DOT 5163 base and pole dented (minor). Light pole DOT 5195/5196 collision damage

7: Guardrail entering side-end treatment at approach. 2nd post broken and all rail damaged severely.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 44.3	Toll Plaza - I-295 Connector	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/23/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>
1. BOOTHS - SHELL	8	8	8	8	8	8	8
2. CANOPY	6	6	6	6	6	7	7
3. DOORS	8	7	7	8	7	9	8
4. GLASS	9	9	7	9	9	9	9
5. PAINT	8	8	7	8	8	8	8
6. LIGHTS	8	8	8	8	8	8	8
7. CONCRETE BUMPER	8	8	8	8	8	8	8
8. CURB	8	7	6	8	7	8	8
9. CONCRETE ISLAND - CRACKS	7	7	7	8	8	8	8
10. CONCRETE ISLAND - SPALLS	7	7	8	8	7	8	8
11. FASCIA - BOOTH	7	7	7	7	7	11	11
12. FASCIA - CANOPY	7	7	7	7	7	8	8
13. HEATER	9	9	9	9	8	8	8
14. CEILING	8	8	8	8	8	9	9
15. ELECTRIC	8	9	9	9	9	9	9
16. MISCELLANEOUS	11	11	11	11	11	11	11

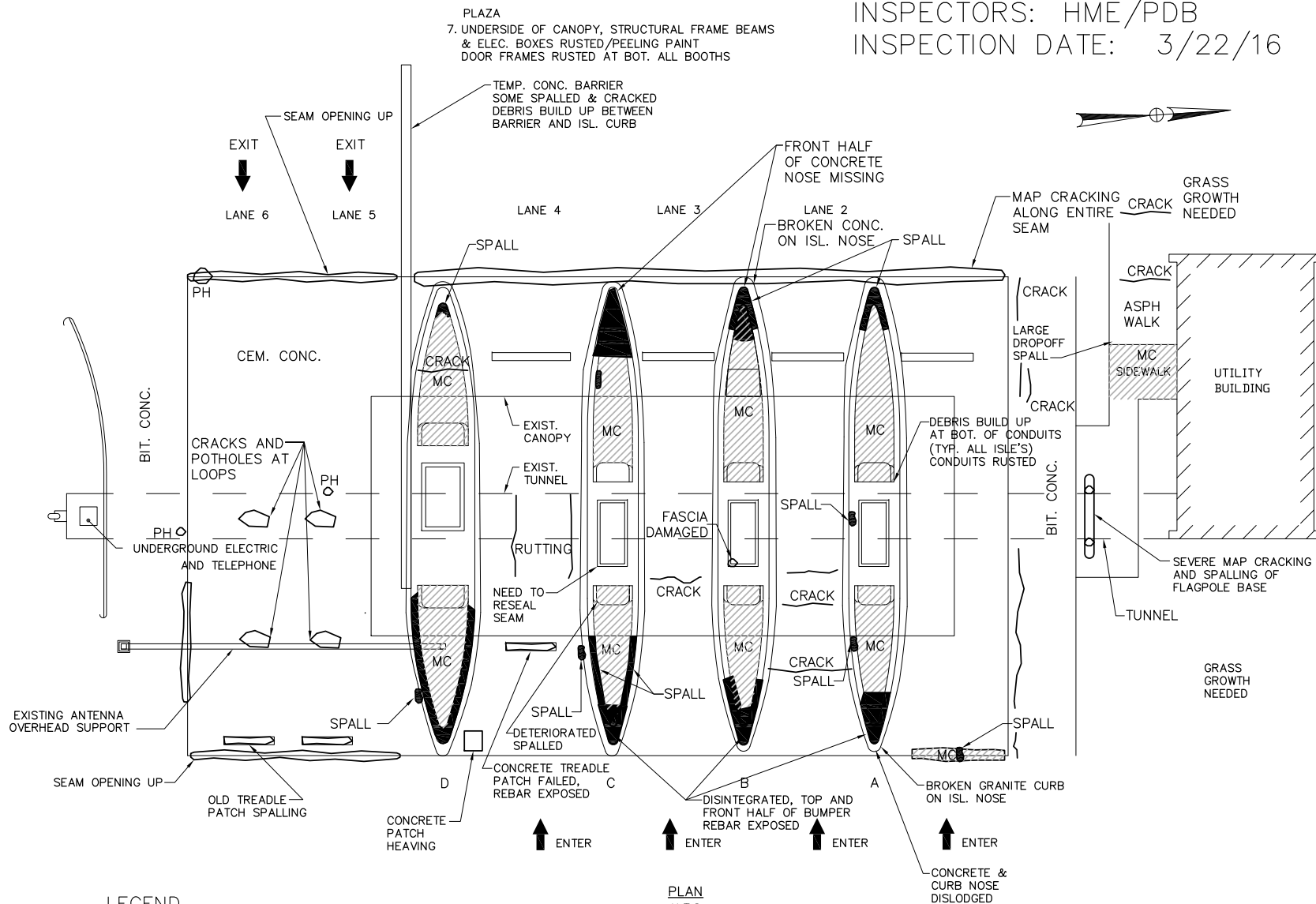
ISLAND

3: Dent in Dutch Door

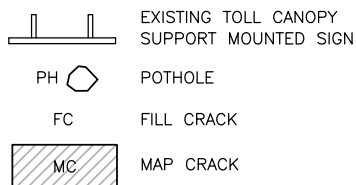
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
1. CONCRETE - CRACKS	8	7	8	7	7	7	8	8
2. CONCRETE - MAP CRACKING	8	7	8	8	8	8	8	8
3. CONCRETE - SPALLING	9	7	8	6	6	7	7	8
4. BITUMINOUS - POTHOLE	9	9	9	9	9	9	9	9
5. BITUMINOUS - RUTTING	8	8	8	8	8	8	8	8
6. TREADLES	8	8	8	8	8	8	8	8
7. TREADLES CONCRETE	9	7	8	8	7	8	7	7
8. TOLL EQUIPMENT	9	9	9	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	11	11	11	11	11


TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 3/22/16



LEGEND



Maine Turnpike Authority Maine Turnpike	
SOUTH PORTLAND TOLL PLAZA	
PLAN VIEW EXIT 45	
 HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 44.9	Toll Plaza - So. Portland	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	7	1. Height Detectors	11	1. Doors	11	7. Electrical	6
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	6	8. Heaters	11
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls	7	9. Seepage	6
4. Sidewalk - Bit.	6	4. Pavements	8	4. Ceiling	7	10. Stairwell	11
5. Curbing - Gran.	7	5. Drainage	8	5. Lights	8	11. Fan	11
6. Curbing - Bituminous	11	6. Ground Cover	6	6. Plumbing	7	12. Miscellaneous	7
7. Ground Cover	6	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	8	1. Paint		1. Paint	8
2. Roof	8	2. Floors		2. Floors	7
3. Chimney	7	3. Walls		3. Walls	7
4. Walls	8	4. Ceiling		4. Ceiling	8
5. Doors	8	5. Lights		5. Lights	8
6. Windows	8	6. Plumbing		6. Plumbing	8
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			

BUILDING EXTERIOR

- 3: Minor discoloration near chimney, vertical cracking in mortar joints at top rear of chimney.
- 4: Crack in wall by door.
- 5: Dent in Boiler Room door.
- 7: Crack in roof drain east side.

EQUIPMENT

- 1: Light out in generator room. Signs of leakage under generator.

FIRST FLOOR

- 2: Missing tiles by toilet.
- 3: Soot on walls in generator room.
- 8: Hole in screen to bathroom window.

PLAZA

- 3: Base cover on ground #13 and #12. Covers to pole 16 & pole 13.
- 4: Paved in 2013.
- 5: Erosion swale south of plaza.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 44.9	Toll Plaza - So. Portland	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

TUNNEL

3: Joint spalling 15' from ladder - CJ.

4: Eff, various locations.

5: Some runaways rusted with covers missing - booth 2.

7: Electrical conduits corroded and rusted at tunnel joints. Exposed/capped wires at booths 2 and 3. Cover plate missing booth 3.

9: Water with eff. and mineral deposits at lane 1 & 5 controllers. Water full length of tunnel floor. Stagnant ponding of water with corrosive sludge material under lane 5. Floor drain grates all rusted out or clogged.

10: Railings loose. Ladder is rusted, minor corrosion.

11: No ventilation fan. Escape hatch sticks.

12: Apparent rodent problem (traps set).

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 EXIT or MILE: 44.9

Toll Plaza - So. Portland

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/22/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
1. BOOTHS - SHELL	8	7	7	6
2. CANOPY	7	6	7	7
3. DOORS	7	7	7	5
4. GLASS	9	9	9	9
5. PAINT	7	7	7	6
6. LIGHTS	8	8	8	8
7. CONCRETE BUMPER	5	5	5	6
8. CURB	5	7	8	8
9. CONCRETE ISLAND - CRACKS	5	5	5	7
10. CONCRETE ISLAND - SPALLS	5	5	5	7
11. FASCIA - BOOTH	7	6	8	8
12. FASCIA - CANOPY	8	8	8	7
13. HEATER	9	9	9	9
14. CEILING	7	7	8	8
15. ELECTRIC	9	9	9	7
16. MISCELLANEOUS	11	11	11	11

ISLAND

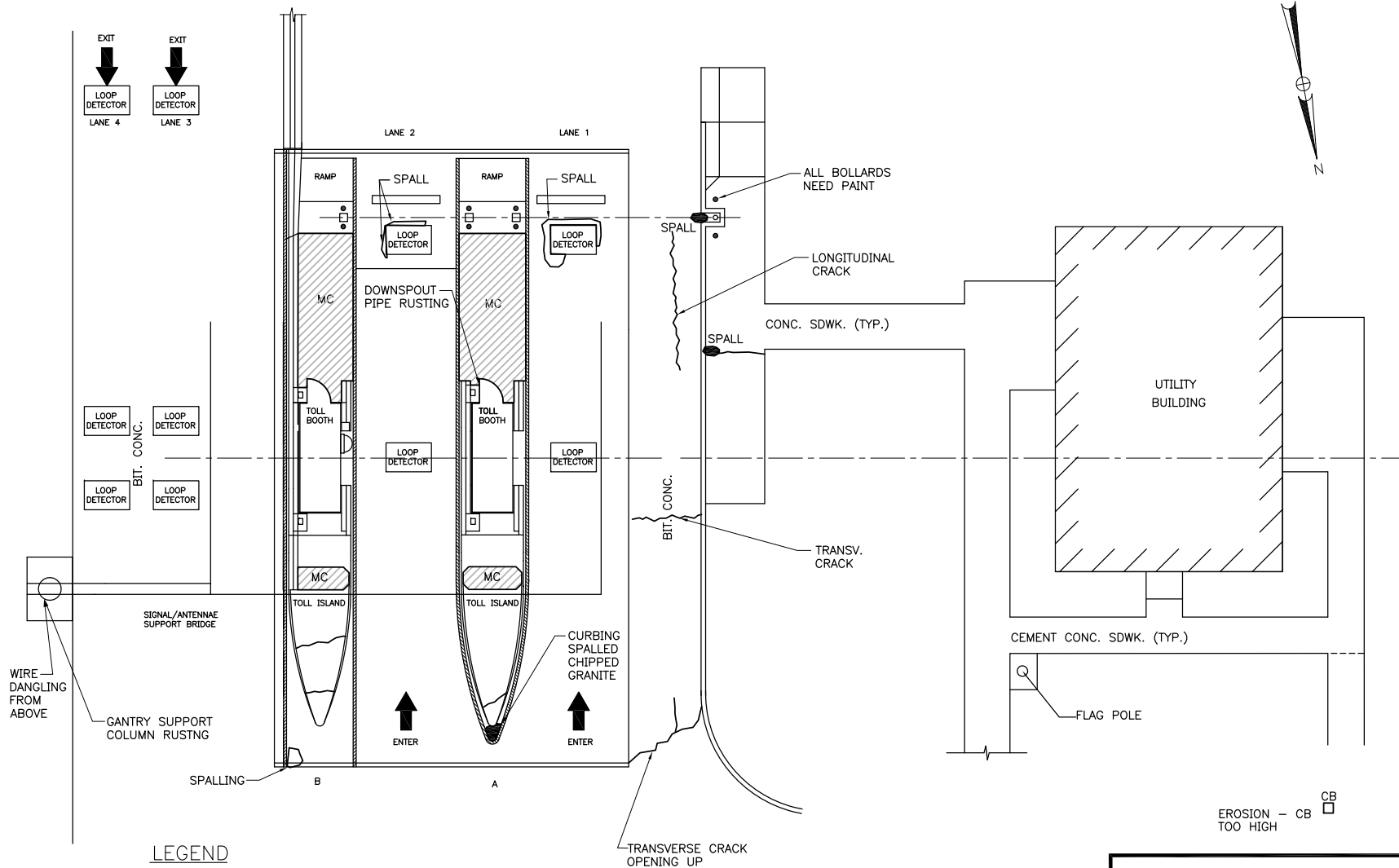
2: Severely corroded canopy support.

15: Gantry box completely rusted and corroded. Boxes have no covers (canopy).

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
1. CONCRETE - CRACKS	7	8	8	7	6	6
2. CONCRETE - MAP CRACKING	8	8	8	8	7	7
3. CONCRETE - SPALLING	8	8	8	7	6	6
4. BITUMINOUS - POTHOLE	8	8	9	5	7	8
5. BITUMINOUS - RUTTING	8	8	8	8	8	8
6. TREADLES	8	8	8	8	11	11
7. TREADLES CONCRETE	8	8	8	8	11	11
8. TOLL EQUIPMENT	9	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	11	11	11

TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 3/22/16



LEGEND

	EXISTING TOLL CANOPY SUPPORT MOUNTED SIGN
	PH POT HOLE
	FC FILL CRACK
	MC MAP CRACK

PLAN

Maine Turnpike Authority Maine Turnpike	
	SKYWAY DRIVE TOLL PLAZA PLAN VIEW-NB EXIT 46
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 46.3	Toll Plaza - Jetport NB	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	9	1. Height Detectors	11	1. Doors		1. Generator	8
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	8	3. Lights - Base	8	3. Walls		3. Heater	8
4. Sidewalk - Bit.	11	4. Pavements	9	4. Ceiling		4. Boiler	9
5. Curbing - Gran.	8	5. Drainage	8	5. Lights		5. Circulating Pump	9
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing			
7. Ground Cover	8	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	9	1. Paint		1. Paint	9
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	9	3. Walls		3. Walls	8
4. Walls	9	4. Ceiling		4. Ceiling	8
5. Doors	9	5. Lights		5. Lights	8
6. Windows	9	6. Plumbing		6. Plumbing	9
7. Miscellaneous	11	7. Electrical		7. Electrical	9
		8. Miscellaneous		8. Windows	9
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

- 1: Guardrail ends detached.
- 5: Curb on northwest corner employee parking lot dislodged.
- 6: Slab/curb separated 1/2 - 3/4 inch.

BUILDING EXTERIOR

- 2: Roof edge at drip line rusted all the way around building at metal shear line. Ice catchers/guards broken/missing from roof.

EQUIPMENT

- 1: Intake vent stuck open.
- 4: Missing boiler exhaust sensor cap.

FIRST FLOOR

- 2: Cracks on floor in boiler room. Crack at threshold of generator room entire length.
- 3: Crack in boiler room wall under window.
- 4: Missing tile by back door. 2 damaged tile 1' x 1' & 2' x 2' over cupola. Tile stain in bathroom.

PLAZA

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 **EXIT or MILE: 46.3**

Toll Plaza - Jetport NB

INSPECTOR(S): **HME PDB**

INSPECTION DATE: **03/22/2016**

2: Light pole 6 has a gauge and wires exposed.

7: Slope erosion N. of employee parking.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 EXIT or MILE: 46.3

Toll Plaza - Jetport NB

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/22/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	9	9
2. CANOPY	9	9
3. DOORS	9	9
4. GLASS	9	9
5. PAINT	9	9
6. LIGHTS	9	8
7. CONCRETE BUMPER	8	8
8. CURB	8	8
9. CONCRETE ISLAND - CRACKS	8	8
10. CONCRETE ISLAND - SPALLS	8	7
11. FASCIA - BOOTH	11	11
12. FASCIA - CANOPY	9	9
13. HEATER	9	9
14. CEILING	9	9
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. CONCRETE - CRACKS	8	8	11	11
2. CONCRETE - MAP CRACKING	8	8	11	11
3. CONCRETE - SPALLING	8	8	11	11
4. BITUMINOUS - POTHOLE	9	9	9	9
5. BITUMINOUS - RUTTING	9	9	9	9
6. TREADLES	8	8	11	11
7. TREADLES CONCRETE	8	8	11	11
8. TOLL EQUIPMENT	9	9	9	9
9. MISCELLANEOUS	11	11	11	11

TOLL PLAZA



Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 46.31	Toll Plaza - Jetport - SB	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors		1. Generator	9
2. Parking Areas - Commuter	8	2. Lights - Poles	9	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls		3. Heater	9
4. Sidewalk - Bit.	11	4. Pavements	9	4. Ceiling		4. Boiler	9
5. Curbing - Gran.	8	5. Drainage	8	5. Lights		5. Circulating Pump	9
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing			
7. Ground Cover	8	7. Miscellaneous	8				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	9	1. Paint		1. Paint	8
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	9	3. Walls		3. Walls	8
4. Walls	9	4. Ceiling		4. Ceiling	8
5. Doors	9	5. Lights		5. Lights	8
6. Windows	9	6. Plumbing		6. Plumbing	8
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			
				7. Electrical	9
				8. Windows	9
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

- 1: Damaged "Employee Parking Only" sign w/ broken post.
- 3: Settlement/heaving around electrical box. Spalling at joints with failed caulking. 1.5" gap between curbs and slabs with lip up to 1". Lip 0.5"-1" between sidewalk and roadway tripping hazard.

BUILDING EXTERIOR

- 2: Edge of roof at drip edge rusting all around. Ice catchers/guards missing/broken off.

EQUIPMENT

- 1: Electrical box cover plate missing (emergency lighting). Evidence of leaking under generator. Insulation coming apart on duct from generator.

FIRST FLOOR

- 1: Paint chipping by bathroom.
- 2: Cracking in boiler room from boiler slab.
- 3: Crack above bathrrom door, around bathroom window. Paint peeling in boiler room from prior leaking. Mortar joint cracking in NE corner of boiler room.
- 4: Stained ceiling tile main. Ceiling stains in boiler room, stain above kitchen area.
- 6: Back flow preventers leaking.

PLAZA

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 **EXIT or MILE: 46.31**

Toll Plaza - Jetport - SB

INSPECTOR(S): **HME PDB**

INSPECTION DATE: **03/22/2016**

2: Drop ceiling has a few slats loose or missing. (1)

7: Minor spalling in cash lane slab. Sign post base should be cut off. Chipped communication junction box.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3 EXIT or MILE: 46.31

Toll Plaza - Jetport - SB

INSPECTOR(S):

HME PDB

INSPECTION DATE:

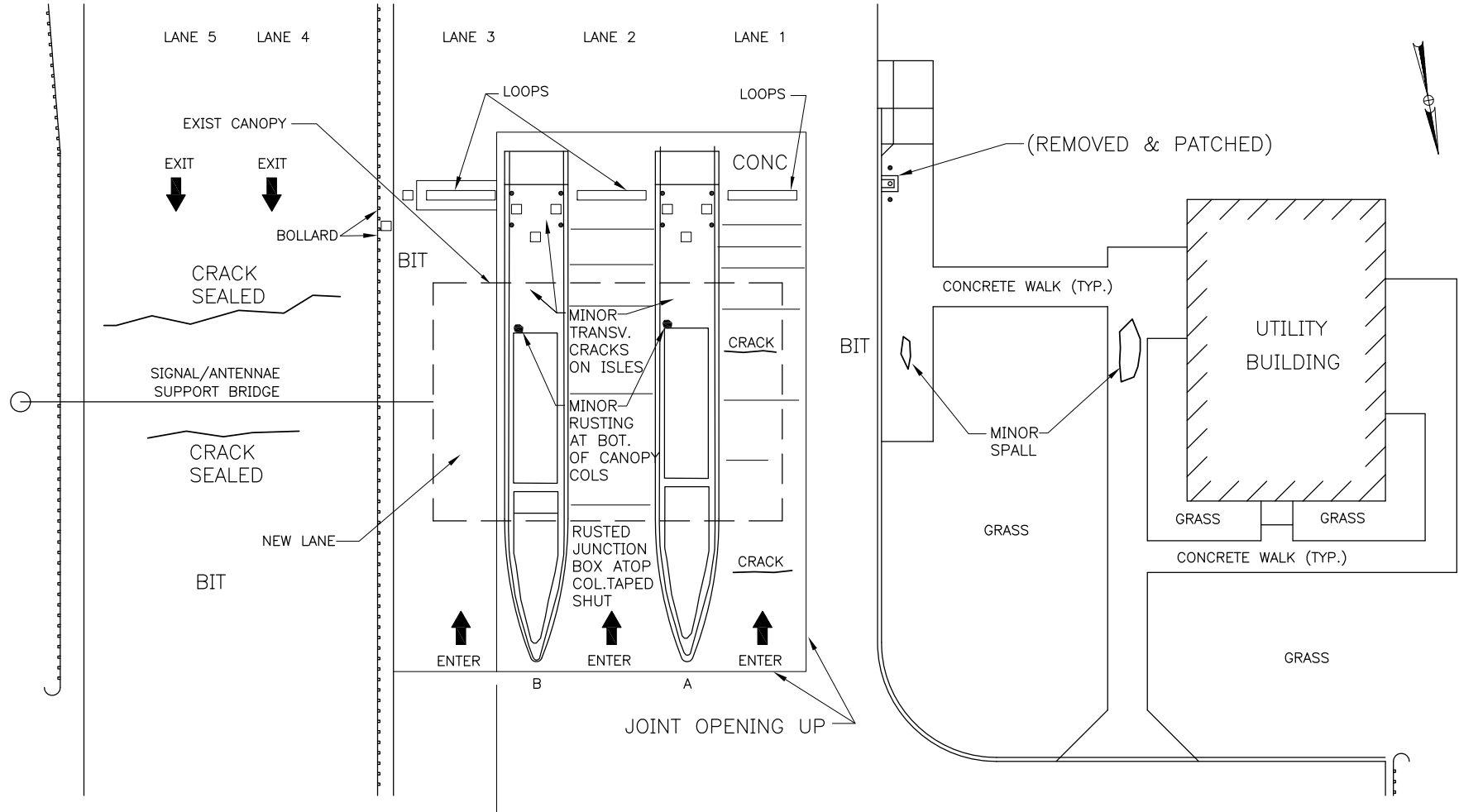
03/22/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	9	9
2. CANOPY	7	7
3. DOORS	8	8
4. GLASS	9	9
5. PAINT	8	8
6. LIGHTS	8	8
7. CONCRETE BUMPER	8	8
8. CURB	9	9
9. CONCRETE ISLAND - CRACKS	8	8
10. CONCRETE ISLAND - SPALLS	8	8
11. FASCIA - BOOTH	11	11
12. FASCIA - CANOPY	8	8
13. HEATER	9	9
14. CEILING	9	9
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

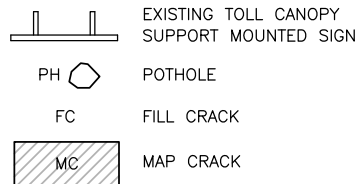
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. CONCRETE - CRACKS	8	8	11	11
2. CONCRETE - MAP CRACKING	8	8	11	11
3. CONCRETE - SPALLING	8	8	11	11
4. BITUMINOUS - POTHOLE	8	8	9	9
5. BITUMINOUS - RUTTING	8	8	9	9
6. TREADLES	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11
8. TOLL EQUIPMENT	8	8	9	9
9. MISCELLANEOUS	11	11	11	11

TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 3/22/16




LEGEND



APPROACHES REPAVED

PLAN

Maine Turnpike Authority Maine Turnpike	
RAND ROAD TOLL PLAZA	
PLAN VIEW EXIT 47	
	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 47.4	Toll Plaza - Westbrook/Rand Rd.	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	7	1. Height Detectors	11	1. Doors	7. Electrical	1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	8. Heaters	2. Sump Pump	11
3. Sidewalk - Conc.	8	3. Lights - Base	9	3. Walls	9. Seepage	3. Heater	9
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling	10. Stairwell	4. Boiler	9
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	11. Fan	5. Circulating Pump	9
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	12. Miscellaneous		
7. Ground Cover	6	7. Miscellaneous	8				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	9	1. Paint		1. Paint	9
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	8	3. Walls		3. Walls	9
4. Walls	9	4. Ceiling		4. Ceiling	8
5. Doors	9	5. Lights		5. Lights	9
6. Windows	9	6. Plumbing		6. Plumbing	9
7. Miscellaneous	11	7. Electrical		7. Electrical	8
		8. Miscellaneous		8. Windows	9
				9. Chimney	9
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

- 3: Curb starting to separate from sidewalk slab.
- 5: Erosion on the N. side, riprap displacement.

BUILDING EXTERIOR

- 1: Soffit needs cleaning.
- 2: Ice catchers/guards missing/broken off.
- 5: Hole above rear entry. Needs filling.
- 7: Staining near gen. exhaust pipe, rust.

FIRST FLOOR

- 2: Minor spalling at threshold of boiler room door to outside.
- 3: Crack below window in boiler room.
- 4: One tile stained 4" x 4". Water damage on ceiling of generator room and boiler room. Stain above fridge.

PLAZA

- 2: Light pole #1 has hole in back. Light pole #24 missing cover plate.
- 7: Guardrail trailing end damaged NB off ramp. Guardrail post broken, NB off-midway in rail section. Drop ceiling at plaza has some slats missing, others falling.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 47.4	Toll Plaza - Westbrook/Rand Rd.	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/22/2016

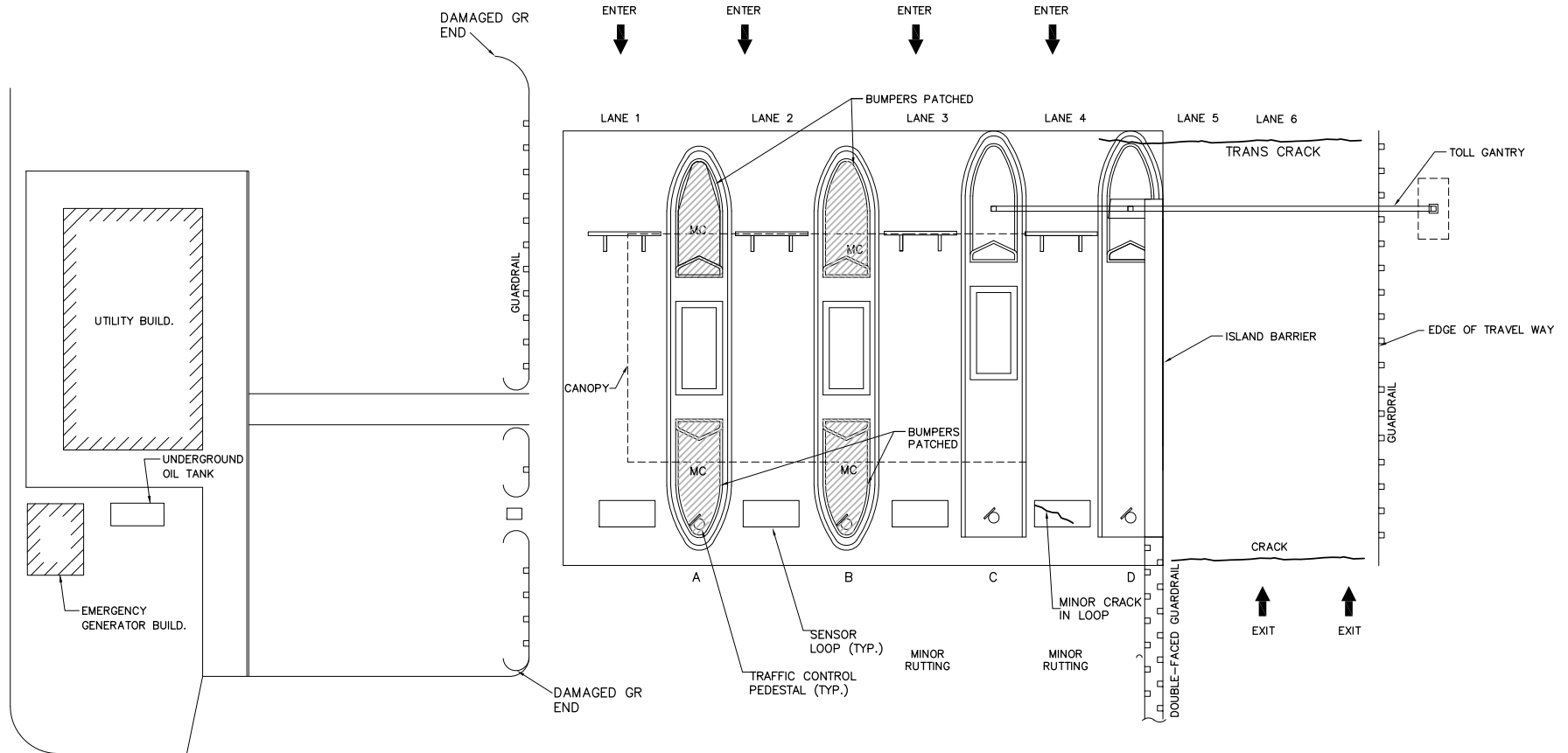
ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	8	8
2. CANOPY	8	8
3. DOORS	8	8
4. GLASS	9	9
5. PAINT	8	8
6. LIGHTS	9	9
7. CONCRETE BUMPER	8	8
8. CURB	8	8
9. CONCRETE ISLAND - CRACKS	8	8
10. CONCRETE ISLAND - SPALLS	9	9
11. FASCIA - BOOTH	11	11
12. FASCIA - CANOPY	9	9
13. HEATER	9	9
14. CEILING	9	9
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
1. CONCRETE - CRACKS	9	9	9	11	11
2. CONCRETE - MAP CRACKING	9	9	9	11	11
3. CONCRETE - SPALLING	9	9	9	11	11
4. BITUMINOUS - POTHOLE	9	9	9	8	8
5. BITUMINOUS - RUTTING	9	9	9	8	8
6. TREADLES	11	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11	11
8. TOLL EQUIPMENT	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	11	11

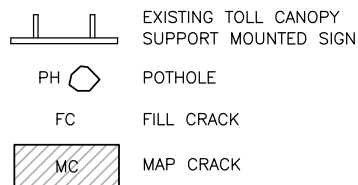
TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 3/23/16

A & B BOOTH DOOR
FRAMES RUSTED



LEGEND



PLAN
N.T.S.

Maine Turnpike Authority Maine Turnpike	
	PORTLAND TOLL PLAZA PLAN VIEW EXIT 48
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 48.5	Toll Plaza - Portland-Westbrook	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/23/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	9	1. Height Detectors	11	1. Doors		1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors		2. Sump Pump	11
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls		3. Heater	8
4. Sidewalk - Bit.	11	4. Pavements	9	4. Ceiling		4. Boiler	8
5. Curbing - Gran.	8	5. Drainage	7	5. Lights		5. Circulating Pump	8
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing			
7. Ground Cover	8	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	7	1. Paint		1. Paint	9
2. Roof	7	2. Floors		2. Floors	8
3. Chimney	8	3. Walls		3. Walls	8
4. Walls	8	4. Ceiling		4. Ceiling	8
5. Doors	8	5. Lights		5. Lights	8
6. Windows	8	6. Plumbing		6. Plumbing	8
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			
				7. Electrical	8
				8. Windows	8
				9. Chimney	7
				10. Stairs	11
				11. Miscellaneous	11

BUILDING EXTERIOR

5: Louver rusted on boiler room door.

7: Vegetation between conc. walkway & foundation.

FIRST FLOOR

2: Crack on E, N & W sides boiler room, centered/slab seam, missing tile. HL crack on floor in center extending for gas line support (Generator Room).

PLAZA

2: Pole #2 and #4 cover off.

5: Catch basin grate at concrete sidewalk clogged.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 48.5	Toll Plaza - Portland-Westbrook	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	03/23/2016

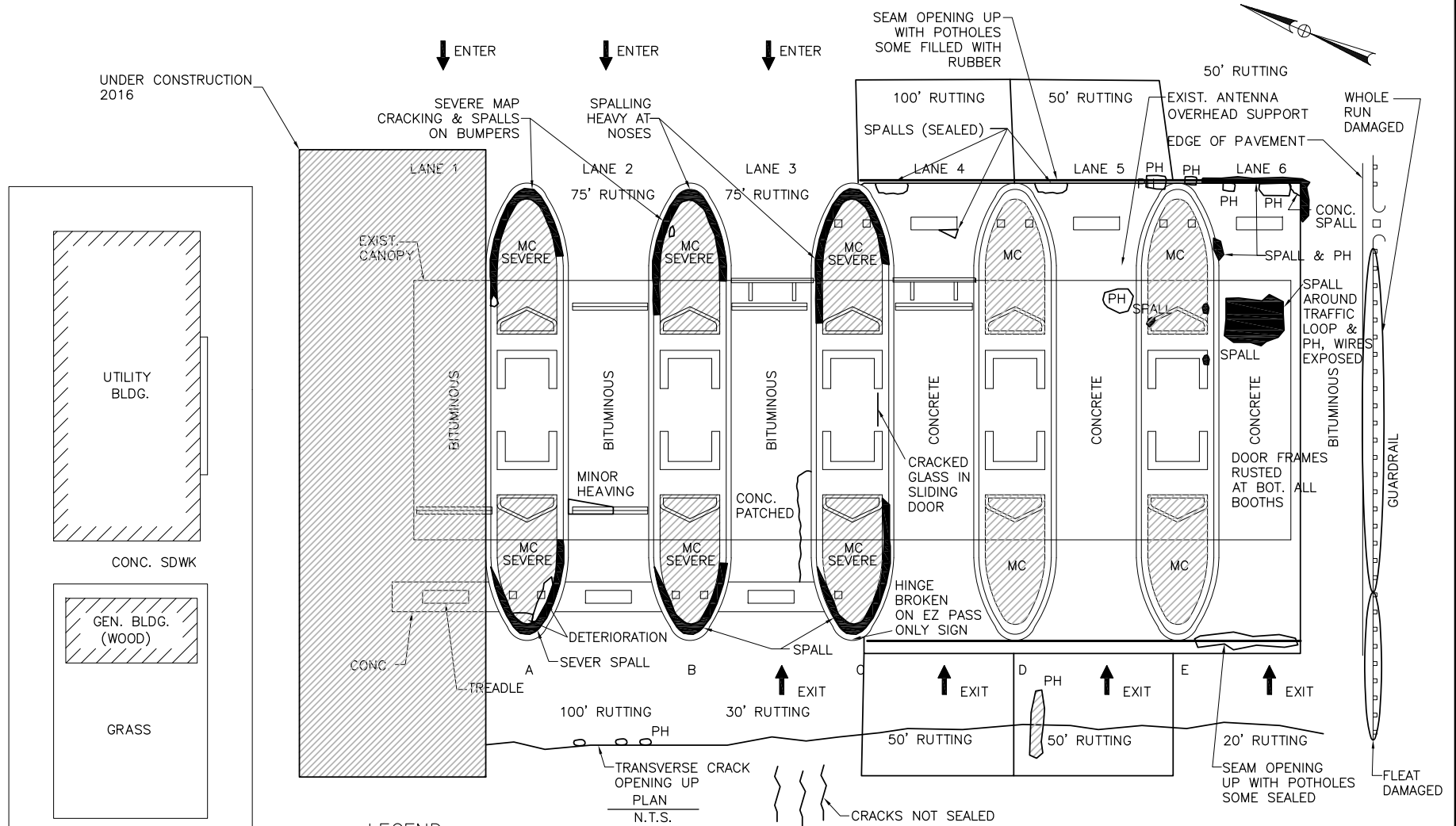
ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
1. BOOTHS - SHELL	8	8	9	11
2. CANOPY	9	9	9	9
3. DOORS	8	8	9	11
4. GLASS	9	9	8	11
5. PAINT	8	8	9	11
6. LIGHTS	8	8	8	8
7. CONCRETE BUMPER	8	8	9	9
8. CURB	8	8	9	9
9. CONCRETE ISLAND - CRACKS	8	8	9	9
10. CONCRETE ISLAND - SPALLS	8	8	9	9
11. FASCIA - BOOTH	7	8	9	11
12. FASCIA - CANOPY	9	9	9	9
13. HEATER	8	8	9	11
14. CEILING	8	8	9	11
15. ELECTRIC	9	9	9	11
16. MISCELLANEOUS	11	11	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
1. CONCRETE - CRACKS	9	9	8	9	11	11
2. CONCRETE - MAP CRACKING	9	9	9	9	11	11
3. CONCRETE - SPALLING	9	9	9	9	11	11
4. BITUMINOUS - POTHOLE	9	9	9	9	9	9
5. BITUMINOUS - RUTTING	8	8	8	8	9	9
6. TREADLES	11	11	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11	11	11
8. TOLL EQUIPMENT	9	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	11	11	11

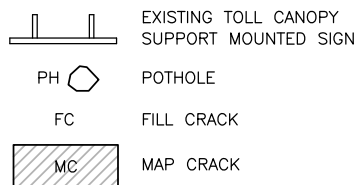
TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 3/31/16


PLAZA
7. PEELING PAINT/RUSTING UNDERSIDE OF CANOPY
ALL JUNCTION BOXES ON CANOPY COL'S RUSTED



LEGEND



CRACKS MOSTLY SEALED

Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	FALMOUTH SPUR BARRIER TOLL PLAN VIEW EXIT 52
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 51.6	Toll Plaza - Falmouth Spur	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/01/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	7	1. Height Detectors	11	1. Doors	7. Electrical	1. Generator	9
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	8. Heaters	2. Sump Pump	11
3. Sidewalk - Conc.	9	3. Lights - Base	7	3. Walls	9. Seepage	3. Heater	9
4. Sidewalk - Bit.	11	4. Pavements	7	4. Ceiling	10. Stairwell	4. Boiler	8
5. Curbing - Gran.	7	5. Drainage	8	5. Lights	11. Fan	5. Circulating Pump	9
6. Curbing - Bituminous	11	6. Ground Cover	7	6. Plumbing	12. Miscellaneous		
7. Ground Cover	6	7. Miscellaneous	7				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	9	1. Paint		1. Paint	8
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	9	3. Walls		3. Walls	9
4. Walls	8	4. Ceiling		4. Ceiling	8
5. Doors	9	5. Lights		5. Lights	9
6. Windows	9	6. Plumbing		6. Plumbing	9
7. Miscellaneous	11	7. Electrical		7. Electrical	9
		8. Miscellaneous		8. Windows	9
				9. Chimney	9
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

1: Some transverse and longitudinal cracks in parking area (not sealed).

BUILDING EXTERIOR

2: "Pushed" out gutterline southside

EQUIPMENT

5: Cold water drips. Corrosion on circulating pump.

FIRST FLOOR

- 1: Chip in paint on wall around emergency lights.
- 2: Scrape on floor underneath sink.
- 4: Water stains on ceiling in breakroom - 1 tile 4" x 4".
- 5: Broken light cover in boiler room.
- 7: Cover on panel falling off in boiler room.

PLAZA

7: Plaza canopy roof, buildup portion in need of repair. New fascia trim.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 3	EXIT or MILE: 51.6	Toll Plaza - Falmouth Spur	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/01/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	
1. BOOTHS - SHELL	12	7	7	8	8	
2. CANOPY	12	6	6	8	8	
3. DOORS	12	6	8	9	9	
4. GLASS	12	9	9	9	9	
5. PAINT	12	7	7	8	8	
6. LIGHTS	12	8	8	8	8	
7. CONCRETE BUMPER	12	5	5	8	8	
8. CURB	12	8	8	8	8	
9. CONCRETE ISLAND - CRACKS	12	5	5	8	8	
10. CONCRETE ISLAND - SPALLS	12	5	5	8	8	
11. FASCIA - BOOTH	12	8	7	11	11	
12. FASCIA - CANOPY	12	8	8	8	8	
13. HEATER	12	8	8	9	9	
14. CEILING	12	7	8	9	9	
15. ELECTRIC	12	9	9	9	9	
16. MISCELLANEOUS	12	11	11	11	11	
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
1. CONCRETE - CRACKS	12	7	11	8	8	7
2. CONCRETE - MAP CRACKING	12	8	11	8	8	7
3. CONCRETE - SPALLING	12	8	11	8	7	7
4. BITUMINOUS - POTHOLE	12	6	8	8	8	7
5. BITUMINOUS - RUTTING	12	7	8	8	7	7
6. TREADLES	12	8	8	9	8	8
7. TREADLES CONCRETE	12	8	8	8	8	8
8. TOLL EQUIPMENT	12	8	8	8	8	8
9. MISCELLANEOUS	12	11	11	11	11	11

TOLL PLAZA

GRAY

MILE 52.7 to MILE 67.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4	EXIT or MILE: 52.4	Toll Plaza - West Falmouth	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/01/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	7	1. Height Detectors	11	1. Doors	7. Electrical	1. Generator	9
2. Parking Areas - Commuter	7	2. Lights - Poles	8	2. Floors	8. Heaters	2. Sump Pump	11
3. Sidewalk - Conc.	7	3. Lights - Base	8	3. Walls	9. Seepage	3. Heater	11
4. Sidewalk - Bit.	11	4. Pavements	7	4. Ceiling	10. Stairwell	4. Boiler	7
5. Curbing - Gran.	8	5. Drainage	7	5. Lights	11. Fan	5. Circulating Pump	8
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	12. Miscellaneous		
7. Ground Cover	8	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
1. Painting	8	1. Paint		1. Paint	9
2. Roof	11	2. Floors		2. Floors	8
3. Chimney	8	3. Walls		3. Walls	8
4. Walls	8	4. Ceiling		4. Ceiling	8
5. Doors	8	5. Lights		5. Lights	8
6. Windows	7	6. Plumbing		6. Plumbing	9
7. Miscellaneous	6	7. Electrical		7. Electrical	9
		8. Miscellaneous		8. Windows	8
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

3: Cracking and spalling. Raveling at EOP of Employee parking.

BUILDING EXTERIOR

1: Paint peeling in rear of building.

5: Old rear doors open, rusting frames.

7: Gas line from building to underground has conc. patch that is spalling.

EQUIPMENT

1: Signs of leaking under generator.

3: Tanker - minor rust (8). Pipe - minor rust spots (8).

FIRST FLOOR

1: Peeling above entrance door.

2: 6 x 6 grouted tile (8).

3: Hole over entrance door, cracking in bathroom. Crack along vertical seam/joint in SW corner of boiler room.

4: Hole in ceiling above main door, water damage removed and water collecting pan inside.

7: Covers open on junction boxes w/ exposed wires in electrical room.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4 EXIT or MILE: 52.4

Toll Plaza - West Falmouth

INSPECTOR(S): HME PDB

INSPECTION DATE: 04/01/2016

8: Boiler room window cracked.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4 EXIT or MILE: 52.4

Toll Plaza - West Falmouth

INSPECTOR(S):

HME PDB

INSPECTION DATE:

04/01/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	8	8
2. CANOPY	6	6
3. DOORS	8	8
4. GLASS	9	9
5. PAINT	7	7
6. LIGHTS	9	9
7. CONCRETE BUMPER	5	5
8. CURB	8	8
9. CONCRETE ISLAND - CRACKS	5	5
10. CONCRETE ISLAND - SPALLS	5	5
11. FASCIA - BOOTH	7	7
12. FASCIA - CANOPY	7	7
13. HEATER	9	8
14. CEILING	8	8
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. CONCRETE - CRACKS	11	11	11	11
2. CONCRETE - MAP CRACKING	11	11	11	11
3. CONCRETE - SPALLING	11	11	11	11
4. BITUMINOUS - POTHOLE	8	8	8	8
5. BITUMINOUS - RUTTING	8	8	8	8
6. TREADLES	8	7	11	11
7. TREADLES CONCRETE	6	6	11	11
8. TOLL EQUIPMENT	8	8	9	9
9. MISCELLANEOUS	11	11	11	11

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4	EXIT or MILE: 63.1	Toll Plaza - Gray	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/01/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	7	1. Height Detectors	11	1. Doors	7. Electrical	1. Generator	8
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	8. Heaters	2. Sump Pump	11
3. Sidewalk - Conc.	6	3. Lights - Base	8	3. Walls	9. Seepage	3. Heater	11
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling	10. Stairwell	4. Boiler	8
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	11. Fan	5. Circulating Pump	9
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	12. Miscellaneous		
7. Ground Cover	8	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	9	1. Paint		1. Paint	8
2. Roof	8	2. Floors		2. Floors	8
3. Chimney	8	3. Walls		3. Walls	9
4. Walls	8	4. Ceiling		4. Ceiling	9
5. Doors	8	5. Lights		5. Lights	9
6. Windows	8	6. Plumbing		6. Plumbing	9
7. Miscellaneous	11	7. Electrical			
		8. Miscellaneous			
				7. Electrical	9
				8. Windows	8
				9. Chimney	11
				10. Stairs	11
				11. Miscellaneous	11

BUILDING AREA

3: Significant spalling in numerous locations. Vegetation between walkway & foundation.

BUILDING EXTERIOR

3: Minor discoloration around chimney.

4: Minor corner trim damage and T-111 damage at ground elevation.

5: Minor corrosion bottom of door frame.

6: Front window screen broken.

7: Tanks/pipe - moderate rust and blisters = 8.

FIRST FLOOR

2: Several cracked floor tiles in bathroom. Toilet bowl cracked. Dampness on floor appears to be coming from duct at louver (Generator building).

9: Molding peeling off in boiler room. Staining around boiler flu.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4 EXIT or MILE: 63.1

Toll Plaza - Gray

INSPECTOR(S):

HME PDB

INSPECTION DATE:

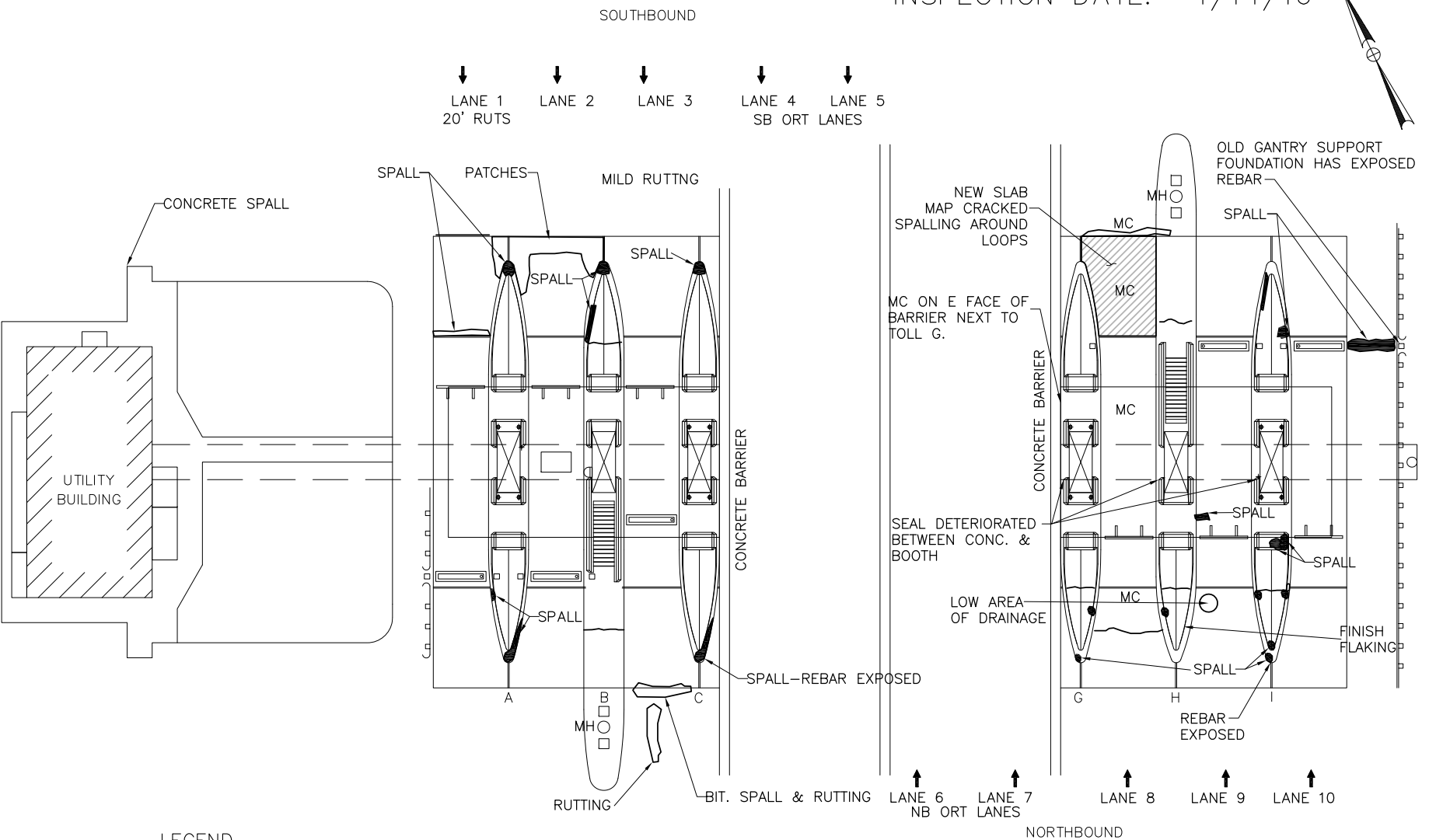
04/01/2016

ISLANDS	<u>A</u>	<u>B</u>
1. BOOTHS - SHELL	8	8
2. CANOPY	7	7
3. DOORS	7	8
4. GLASS	9	9
5. PAINT	7	7
6. LIGHTS	8	8
7. CONCRETE BUMPER	8	8
8. CURB	7	8
9. CONCRETE ISLAND - CRACKS	7	8
10. CONCRETE ISLAND - SPALLS	6	7
11. FASCIA - BOOTH	7	8
12. FASCIA - CANOPY	7	7
13. HEATER	9	9
14. CEILING	8	7
15. ELECTRIC	9	9
16. MISCELLANEOUS	11	11

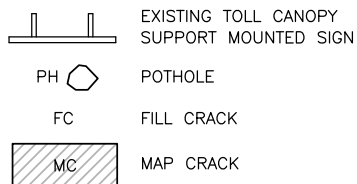
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
1. CONCRETE - CRACKS	11	8	7	8	11
2. CONCRETE - MAP CRACKING	11	8	8	8	11
3. CONCRETE - SPALLING	11	7	7	6	11
4. BITUMINOUS - POTHOLE	7	7	7	7	7
5. BITUMINOUS - RUTTING	7	7	7	7	7
6. TREADLES	11	8	8	11	11
7. TREADLES CONCRETE	11	9	7	11	11
8. TOLL EQUIPMENT	8	8	8	9	9
9. MISCELLANEOUS	11	11	11	11	11

TOLL PLAZA

INSPECTORS: HME/PDB
INSPECTION DATE: 4/14/16



LEGEND



PLAN
N.T.S.

Maine Turnpike Authority Maine Turnpike	
NEW GLOUCESTER BARRIER TOLL	
PLAN VIEW BARRIER TOLL MM 67	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4	EXIT or MILE: 67	Toll Plaza - New Gloucester	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/14/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	7	1. Height Detectors	11	1. Doors	7	7. Electrical	7
2. Parking Areas - Commuter	11	2. Lights - Poles	8	2. Floors	8	8. Heaters	8
3. Sidewalk - Conc.	7	3. Lights - Base	11	3. Walls	8	9. Seepage	7
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling	8	10. Stairwell	8
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	8	11. Fan	8
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	8	12. Miscellaneous	8
7. Ground Cover	7	7. Miscellaneous	7				
		BUILDING INTERIOR					
BUILDING EXTERIOR		BASEMENT		FIRST FLOOR			
1. Painting	8	1. Paint		1. Paint	9	7. Electrical	9
2. Roof		2. Floors		2. Floors	7	8. Windows	9
3. Chimney	11	3. Walls		3. Walls	8	9. Chimney	9
4. Walls	9	4. Ceiling		4. Ceiling	8	10. Stairs	9
5. Doors	8	5. Lights		5. Lights	9	11. Miscellaneous	7
6. Windows	9	6. Plumbing		6. Plumbing	9		
7. Miscellaneous	11	7. Electrical					
		8. Miscellaneous					

BUILDING AREA

3: Corner of conc. step broken by boiler room, rebar exposed. N. side, heavy spalling near parking area.

7: Flag pole base damaged. Lots of erosion of the N. end of the N. employee lot.

BUILDING EXTERIOR

1: Mechanical room door peeling. Rear entrance and boiler room doors need paint. Same goes for frames and louver frames. HL crack in SW corner of foundation.

FIRST FLOOR

1: Stains on floor in boiler room.

2: Cracks in tunnel at entrance. Tiles at sink unit deteriorating.

3: Signs of leak in walls in boiler room. Cracks in cinder block mortar joint in stairway to tunnel from 1st door of building.

4: Crack over door in boiler room.

11: No lock on boiler room door, room used for storage.

TUNNEL

1: Emergency hatch held, handbroken. East end door & frame deteriorating.

2: Water, mineral deposits under lane 2. Transv., long. and map cracks. Metal expansion joint rusted at W. end of tunnel. Grates are not clogged.

4: Eff. and water stains. Long. & transv. ceiling seepage lane 1 west. Incipient spall under booth 1 opening.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4 **EXIT or MILE: 67**

Toll Plaza - New Gloucester

INSPECTOR(S):

HME PDB

INSPECTION DATE:

04/14/2016

9: Booth openings show signs of water seepage. Signs of water seepage w/ eff. at all penetrations. Expansion joint floor metal rust wedged.

10: Vertical cracks west side of stairway to booths. Water stains in east side stairway to booths.

12: Spall at canopy drainage Booth #9 (Lane 10). Both tunnel upper doors - frames at ground deteriorated. Booth angle from support brackets severely rusted. Insulation damaged in various locations. Rust top and bottom of wires ways, several locations (open cover at booth C).

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 4 EXIT or MILE: 67

Toll Plaza - New Gloucester

INSPECTOR(S):

HME PDB

INSPECTION DATE:

04/14/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	
1. BOOTHS - SHELL	8	8	8	11	11	11	8	8	8	
2. CANOPY	8	8	8	11	11	11	8	8	8	
3. DOORS	8	8	8	11	11	11	8	8	8	
4. GLASS	9	9	9	11	11	11	9	9	9	
5. PAINT	7	7	7	11	11	11	7	7	7	
6. LIGHTS	9	9	9	11	11	11	9	9	9	
7. CONCRETE BUMPER	8	8	8	11	11	11	8	8	8	
8. CURB	8	8	8	11	11	11	7	7	7	
9. CONCRETE ISLAND - CRACKS	8	8	8	11	11	11	7	7	7	
10. CONCRETE ISLAND - SPALLS	8	8	8	11	11	11	7	7	7	
11. FASCIA - BOOTH	11	11	11	11	11	11	11	11	11	
12. FASCIA - CANOPY	9	9	9	11	11	11	9	9	9	
13. HEATER	9	9	9	11	11	11	9	9	9	
14. CEILING	9	9	9	11	11	11	9	9	9	
15. ELECTRIC	9	9	9	11	11	11	9	9	9	
16. MISCELLANEOUS	11	11	11	11	11	11	11	11	11	
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
1. CONCRETE - CRACKS	9	9	8	9	9	9	9	8	9	9
2. CONCRETE - MAP CRACKING	9	9	9	9	9	9	9	8	9	9
3. CONCRETE - SPALLING	9	9	9	9	9	9	9	9	9	9
4. BITUMINOUS - POTHOLE	9	8	8	9	9	9	9	8	8	9
5. BITUMINOUS - RUTTING	7	7	7	8	8	8	8	8	8	8
6. TREADLES	11	11	11	11	11	11	11	11	11	11
7. TREADLES CONCRETE	11	11	11	11	11	11	11	11	11	11
8. TOLL EQUIPMENT	9	9	9	9	9	9	9	9	9	9
9. MISCELLANEOUS	11	11	11	10	10	11	11	11	11	11

TOLL PLAZA

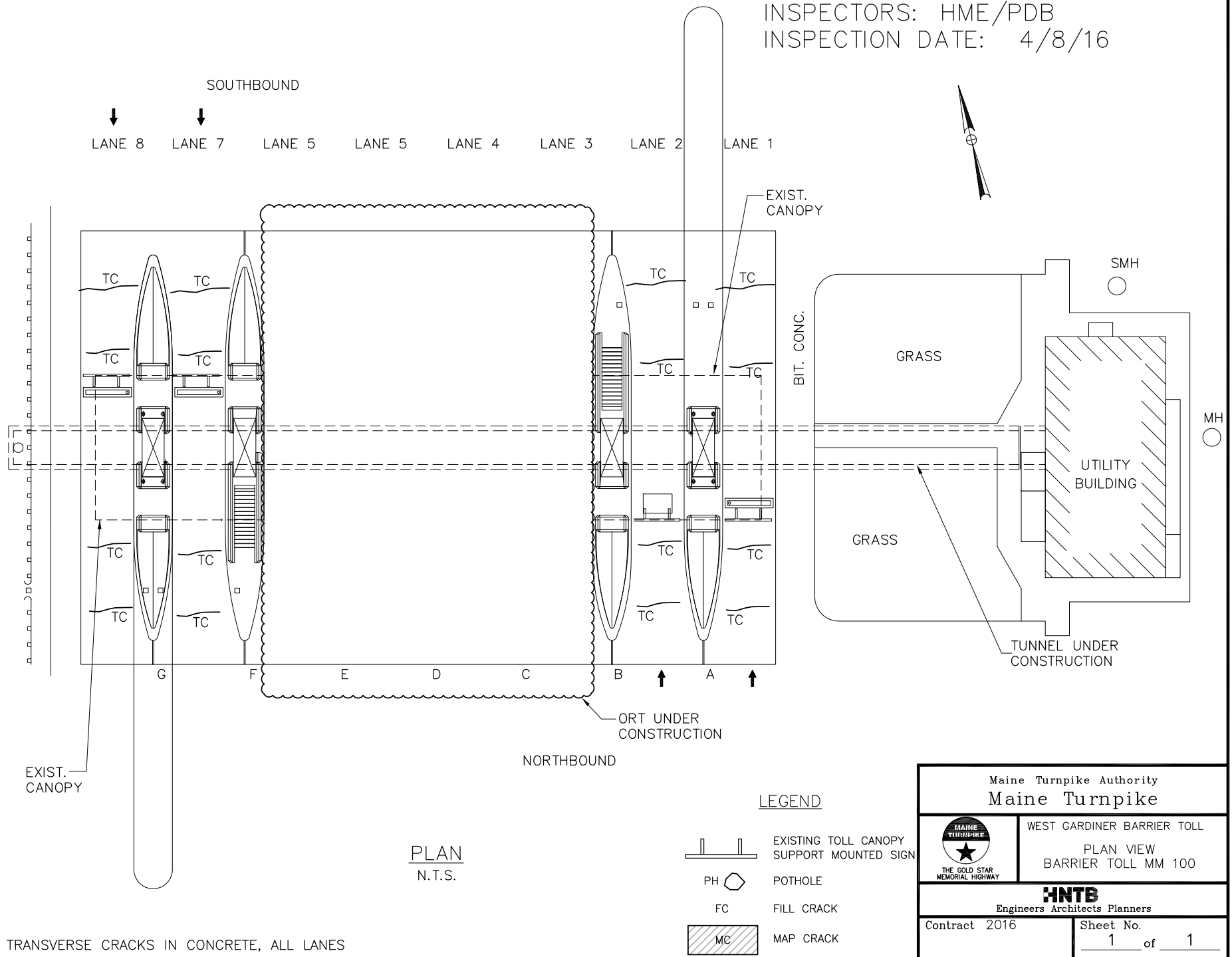
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LITCHFIELD

MILE 86.7 to MILE 100.2

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INSPECTORS: HME/PDB
INSPECTION DATE: 4/8/16



Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 6	EXIT or MILE: 100.2	Toll Plaza - West Gardiner Barrier Toll	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/08/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	8	1. Height Detectors	11	1. Doors	12	7. Electrical	12
2. Parking Areas - Commuter	11	2. Lights - Poles	7	2. Floors	12	8. Heaters	12
3. Sidewalk - Conc.	6	3. Lights - Base	11	3. Walls	12	9. Seepage	12
4. Sidewalk - Bit.	11	4. Pavements	12	4. Ceiling	12	10. Stairwell	12
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	12	11. Fan	12
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	12	12. Miscellaneous	12
7. Ground Cover	8	7. Miscellaneous	11				
		BUILDING INTERIOR					
BUILDING EXTERIOR		BASEMENT		FIRST FLOOR			
1. Painting	9	1. Paint	11	1. Paint	9	7. Electrical	8
2. Roof	13	2. Floors		2. Floors	8	8. Windows	8
3. Chimney	8	3. Walls		3. Walls	7	9. Chimney	8
4. Walls	8	4. Ceiling	11	4. Ceiling	8	10. Stairs	8
5. Doors	8	5. Lights	11	5. Lights	8	11. Miscellaneous	8
6. Windows	8	6. Plumbing	11	6. Plumbing	7		
7. Miscellaneous	8	7. Electrical	11				
		8. Miscellaneous	11				

BUILDING AREA

3: SW corner spalling, localized spalls in sidewalk.

BUILDING EXTERIOR

4: Crack in foundation with eff-w. side under boiler room window. E. wall away from walkway, caulked poorly, large gaps.

5: Door frames rated 7.

7: Roof electrical grounding wire severed at SW corner.

EQUIPMENT

1: minor fuel seepage controlled by fuel cleanup pads.

4: Boiler room rust at door and door frame bottoms. Pad cracked under boiler. Exterior louvers paint peeling and gone, bottom frames heavily rusted. Floor spalls and stained.

FIRST FLOOR

3: Damaged main entrance/ boiler room. Crack in wall near ceiling SE corner of storage room. Back, boiler and bathroom door jams rusting at floor. Some cracks in bathroom walls.

4: Missing ceiling tile - stairwell. Large stains in storage room.

6: Rusty boiler room door frame - interior. Rust stains in sink and toilet. Hard water.

11: All radiant heaters rusted. Missing radiator cover behind desk, left of entrance - valve corroded.

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 6 **EXIT or MILE: 100.2**

Toll Plaza - West Gardiner Barrier Toll

INSPECTOR(S): **HME PDB**

INSPECTION DATE: **04/08/2016**

PLAZA

2: Minor dings - covers missing.

TUNNEL

12: Under construction

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 6	EXIT or MILE: 100.2	Toll Plaza - West Gardiner Barrier Toll	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/08/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	
1. BOOTHS - SHELL	9	9	13	13	13	9	9	
2. CANOPY	9	9	13	13	13	9	9	
3. DOORS	8	8	13	13	13	8	8	
4. GLASS	9	9	13	13	13	9	9	
5. PAINT	7	7	13	13	13	7	7	
6. LIGHTS	8	8	13	13	13	8	8	
7. CONCRETE BUMPER	8	8	13	13	13	8	8	
8. CURB	11	11	13	13	13	11	11	
9. CONCRETE ISLAND - CRACKS	8	8	13	13	13	9	9	
10. CONCRETE ISLAND - SPALLS	9	9	13	13	13	9	9	
11. FASCIA - BOOTH	11	11	13	13	13	11	11	
12. FASCIA - CANOPY	9	9	13	13	13	9	9	
13. HEATER	9	9	13	13	13	9	9	
14. CEILING	9	9	13	13	13	9	9	
15. ELECTRIC	9	9	13	13	13	9	9	
16. MISCELLANEOUS	11	11	13	13	13	11	11	
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
1. CONCRETE - CRACKS	8	8	13	13	13	13	8	8
2. CONCRETE - MAP CRACKING	9	9	13	13	13	13	9	9
3. CONCRETE - SPALLING	9	9	13	13	13	13	9	9
4. BITUMINOUS - POTHOLE	9	9	13	13	13	13	9	9
5. BITUMINOUS - RUTTING	9	9	13	13	13	13	9	9
6. TREADLES	11	11	13	13	13	13	11	11
7. TREADLES CONCRETE	11	11	13	13	13	13	11	11
8. TOLL EQUIPMENT	9	9	13	13	13	13	9	9
9. MISCELLANEOUS	11	11	13	13	13	13	11	11

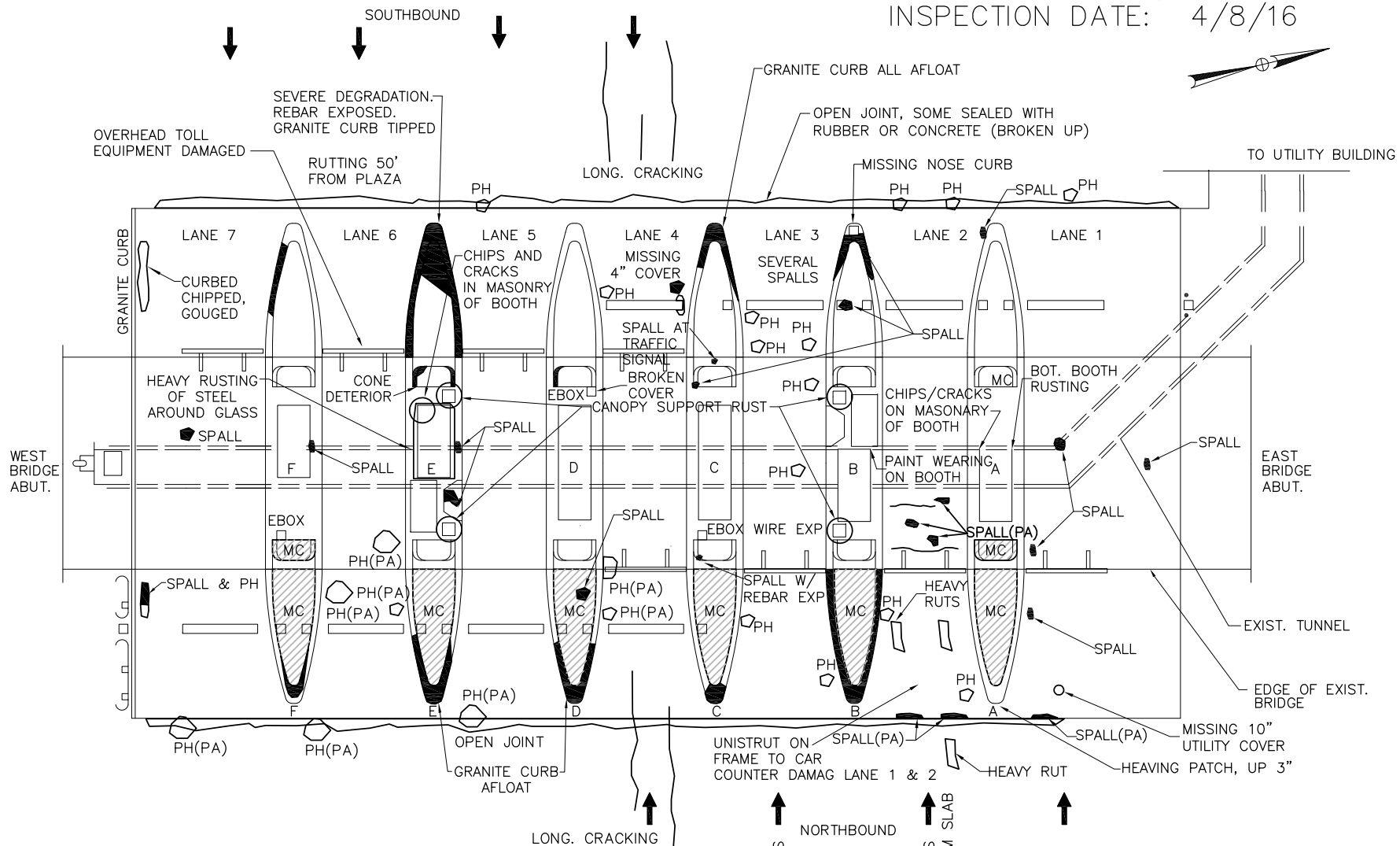
TOLL PLAZA

GARDINER

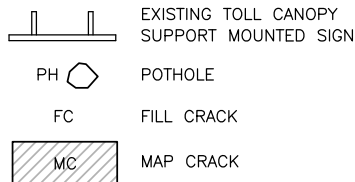
MILE 100.2 to MILE 108.8

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INSPECTORS: HME/PDB
INSPECTION DATE: 4/8/16



LEGEND



PA - PATCHED

DOOR FRAMES AT BOT RUSTED ALL BOOTHS
CRACKS AT BOT OF BOOTHS AT FDN BOTH SIDE B, D & F
ELEC. BOX COVER DAMAGED/OPEN C, D & F

Maine Turnpike Authority Maine Turnpike	
GARDINER BARRIER TOLL	
PLAN VIEW BARRIER TOLL AT EXIT 103	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 7	EXIT or MILE: 103	Toll Plaza - Gardiner	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/08/2016

BUILDING AREA		PLAZA		TUNNEL		EQUIPMENT	
1. Parking Areas - Employees	6	1. Height Detectors	11	1. Doors	12	7. Electrical	12
2. Parking Areas - Commuter	11	2. Lights - Poles	11	2. Floors	12	8. Heaters	12
3. Sidewalk - Conc.	7	3. Lights - Base	11	3. Walls	12	9. Seepage	12
4. Sidewalk - Bit.	11	4. Pavements	8	4. Ceiling	12	10. Stairwell	12
5. Curbing - Gran.	8	5. Drainage	8	5. Lights	12	11. Fan	12
6. Curbing - Bituminous	11	6. Ground Cover	8	6. Plumbing	12	12. Miscellaneous	12
7. Ground Cover	7	7. Miscellaneous	11				

BUILDING EXTERIOR		BUILDING INTERIOR		FIRST FLOOR	
		BASEMENT			
1. Painting	7	1. Paint	7	1. Paint	8
2. Roof	6	2. Floors		2. Floors	8
3. Chimney	6	3. Walls		3. Walls	8
4. Walls	8	4. Ceiling	7	4. Ceiling	8
5. Doors	8	5. Lights	8	5. Lights	8
6. Windows	9	6. Plumbing	8	6. Plumbing	8
7. Miscellaneous	11	7. Electrical	8		
		8. Miscellaneous	7		

BASEMENT

- 4: Leak at first joint to Tunnel. Ceiling broken around plumbing.
- 8: Chimney leaks into basement through cleanout. Appears to be patched.

BUILDING AREA

- 1: Concrete step curbs pushed over backslope. Erosion N. side behind curbing at back side, starting to undermine pavement. Employee parking sign missing, all signs leaning.
- 3: Multiple spalls on conc. sidewalk.

BUILDING EXTERIOR

- 2: Shingles starting to lift. Gutters removed.
- 3: Staining and spalling on chimney.
- 4: Paint peeling primarily west side (wall & fascia board).

FIRST FLOOR

- 2: Plywood; painted tiles except bath and storage. Tiles spalling, jarred, and several missing on the wall inside the bathroom.
- 3: Tiles missing on wall where a urinal used to be.

PLAZA

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 7	EXIT or MILE: 103	Toll Plaza - Gardiner	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/08/2016

4: Significant rutting all lanes east & west side.

5: Erosion on side slope.

TUNNEL

12: Not inspected

TOLL PLAZA

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION: 7	EXIT or MILE: 103	Toll Plaza - Gardiner	INSPECTOR(S):	HME PDB
			INSPECTION DATE:	04/08/2016

ISLANDS	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>
1. BOOTHS - SHELL	8	8	8	8	7	8	11
2. CANOPY	11	11	11	11	11	11	11
3. DOORS	7	7	7	8	8	8	11
4. GLASS	9	9	9	9	9	9	11
5. PAINT	8	7	7	7	7	8	11
6. LIGHTS	9	8	9	9	8	8	11
7. CONCRETE BUMPER	8	7	7	8	5	8	11
8. CURB	8	7	7	7	5	8	11
9. CONCRETE ISLAND - CRACKS	8	8	8	8	5	8	11
10. CONCRETE ISLAND - SPALLS	8	7	7	7	5	8	11
11. FASCIA - BOOTH	11	7	7	11	8	11	11
12. FASCIA - CANOPY	11	11	11	11	11	11	11
13. HEATER	9	9	9	9	9	9	11
14. CEILING	8	8	8	8	8	8	11
15. ELECTRIC	9	9	9	9	8	8	11
16. MISCELLANEOUS	11	11	11	11	11	11	11
LANES	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
1. CONCRETE - CRACKS	8	7	8	7	7	8	8
2. CONCRETE - MAP CRACKING	8	7	8	8	8	8	8
3. CONCRETE - SPALLING	7	7	7	7	7	8	7
4. BITUMINOUS - POTHOLE	8	7	7	8	7	8	8
5. BITUMINOUS - RUTTING	8	7	7	8	7	7	8
6. TREADLES	8	9	8	8	8	8	8
7. TREADLES CONCRETE	8	9	8	7	8	8	8
8. TOLL EQUIPMENT	8	8	8	7	8	8	7
9. MISCELLANEOUS	11	11	11	11	11	11	11

LANE

9: Lane 7 overhead reader frame damaged.

TOLL PLAZA

Chapter F
Service Areas

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YORK

MILE 0.3 to MILE 20.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 19.3		SECTION 1		Wells Transportation Center (SB)		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/15/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	8	1. Pavement	8	1. Pavement	8	1. Paint	9	1. Paint	9
2. Drainage	8	2. Curbing	7	2. Curbing	7	2. Floors	8	2. Doors	9
3. Curbs / Edging	8	3. Edging	11	3. Edging	11	3. Walls	9	3. Masonry	9
4. Ground Cover	9	4. Side Slopes	7	4. Side Slopes	8	4. Fixtures	8	4. Roof	8
5. Access Road	8	5. Drop Inlets	8	5. Drop Inlets	8	5. Heating	9	5. Sidewalks	8
6. Fence & Gate	8	6. Guardrail	11	6. Guardrail	11	6. Plumbing	8	6. Cleanliness	9
7. Lighting	8	7. Lighting	8	7. Lighting	9	7. Electrical	9	7. Miscellaneous	8
8. Signs	8	8. Lighting Pole	7	8. Lighting Pole	9	8. Miscellaneous	11		
9. Striping	7	9. Lighting Plumb	8	9. Lighting Plumb	8	9. Ceiling	8		
10. Cleanliness	9	10. Lighting Paint	7	10. Lighting Paint	7				
11. Miscellaneous	8	11. Lighting Bases	8	11. Lighting Bases	9				
12. Empl. Parking Area	8	12. Lighting Boxes	8	12. Lighting Boxes	8				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	11	1. Paint	11	1. General	11	1. Power Supply	11
2. Manholes	11	2. Doors	11	2. Floors	11	2. Miscellaneous	11	2. Transformer Vault	11
3. Septic Tank	11	3. Masonry	11	3. Walls	11	3. Well Pump Blue	11	3. Miscellaneous	11
4. Sludge Piping	11	4. Roof	11	4. Fixtures	11	4. Well Pump Red System	11		
5. Air Compressors	11	5. Sidewalks	11	5. Heating	11	5. Pressure System	11		
6. Chlorination	11	6. Pump Island Areas	11	6. Plumbing	11	6. Valve Pit	11		
7. Miscellaneous	11	7. Cleanliness	11	7. Electrical	11	7. Generator	11		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	11		
		9. Info Center Exterior	11	9. Ceiling	11	9. Treatment Works	11		
				10. Info Center Interior	11				

Ramp Off ratings are for the West Access Road to the Wells Transportation Center.

Ramp On ratings are for the East Access Road to the Wells Transportation Center.

No Service Station at this location.

AREA

1: Erosion at EOP by west side thru loop.

2: Clogged crosspipe on "Off Ramp". Pavement patch needed around CB.

7: Broken stair light on platform, several light poles rusted/paint peeling.

8: Broken sign at track platform "3 Car".

11: Erosion behind upper platform. Hand rail needs paint in various spots of rusting. Benches on platform need to be sealed.

BUILDING EXTERIOR

4: Minor cracks in soffit.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 19.3

SECTION 1

Wells Transportation Center (SB)

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/15/2016

5: Depression in HMA at bike racks.

7: Select locations could use caulking in brick. Gas lines rusted and not painted. Cover damaged to exhaust pipe at underground vault N. of Trans. Building.

BUILDING INTERIOR

3: Men's room has graffiti on mirror.

9: Minor cracks and bubbling. Men's and Women's rooms have water staining on ceiling.

RAMP OFF

2: Several lengths of granite curb dislodged and leaning.

4: Slope erosion opposite entrance to parking lot by others.

7: Several light posts exhibit rusting and peeling paint.

RAMP ON

1: Some map-cracking developing. Longitudinal cracking along white edge line w/ occasional transverse cracks.

2: Several lengths of granite curb dislodged and leaning w/ up to 4" separation at base of curb.

4: Several areas of minor slope erosion along east side.

7: Several light posts rusted with peeling paint. Elec. pullbox spalled w/ hole in side at light post nearest to Rte. 109.

KENNEBUNK

MILE 20.0 to MILE 38.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 25.5		SECTION 2		Mile 25.5 Service Area (NB)		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/15/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	8	1. Pavement	8	1. Pavement	8	1. Paint	9	1. Paint	8
2. Drainage	8	2. Curbing	11	2. Curbing	11	2. Floors	8	2. Doors	6
3. Curbs / Edging	8	3. Edging	11	3. Edging	11	3. Walls	9	3. Masonry	9
4. Ground Cover	7	4. Side Slopes	8	4. Side Slopes	8	4. Fixtures	8	4. Roof	9
5. Access Road	11	5. Drop Inlets	11	5. Drop Inlets	11	5. Heating	8	5. Sidewalks	8
6. Fence & Gate	8	6. Guardrail	11	6. Guardrail	11	6. Plumbing	8	6. Cleanliness	8
7. Lighting	7	7. Lighting	9	7. Lighting	9	7. Electrical	8	7. Miscellaneous	8
8. Signs	7	8. Lighting Pole	5	8. Lighting Pole	9	8. Miscellaneous	9		
9. Striping	8	9. Lighting Plumb	9	9. Lighting Plumb	9	9. Ceiling	9		
10. Cleanliness	8	10. Lighting Paint	11	10. Lighting Paint	11				
11. Miscellaneous	7	11. Lighting Bases	8	11. Lighting Bases	9				
12. Empl. Parking Area	8	12. Lighting Boxes	11	12. Lighting Boxes	9				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	9	1. Paint	8	1. General	11	1. Power Supply	11
2. Manholes	8	2. Doors	9	2. Floors	9	2. Miscellaneous	11	2. Transformer Vault	11
3. Septic Tank	11	3. Masonry	11	3. Walls	8	3. Well Pump Blue	11	3. Miscellaneous	8
4. Sludge Piping	11	4. Roof	11	4. Fixtures	9	4. Well Pump Red System	11		
5. Air Compressors	11	5. Sidewalks	8	5. Heating	8	5. Pressure System	11		
6. Chlorination	11	6. Pump Island Areas	7	6. Plumbing	9	6. Valve Pit	11		
7. Miscellaneous	4	7. Cleanliness	8	7. Electrical	9	7. Generator	11		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	11		
		9. Info Center Exterior	13	9. Ceiling	8	9. Treatment Works	11		
				10. Info Center Interior	11				

Did not inspect HMS Host spaces, not maintained by MTA.

AREA

3: Curb in north lot cracked/broken.

4: Many areas of little to no turf. Planting sparse. Rutted areas.

7: Pole #10 down.

8: Cracked Signs

11: Many broken slabs in old concrete sidewalk, E. side of S. parking area near dogwalk.

BUILDING EXTERIOR

1: Paint stained and could use wash.

2: Damage at bottom of all the exterior doors and window frames, exposed material under metal facade is deteriorating. North entrance side door 1" gap under door.

3: Concrete spalling at north entrance stairs, mortar in brick planters missing.

**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

MILE: 25.5	SECTION 2	Mile 25.5 Service Area (NB)	INSPECTOR(S):	HME	PDB
			INSPECTION DATE:	03/15/2016	

4: Seal is peeling on flat top roof E. side, grease downspout missing from exhaust fan.
5: Ramp to patio. sealant failed. Concrete at rail to ramp deteriorating. South patio tiles need repair, handrails loose, cracked tiles.
7: Planter caps damaged at several locations need regrouting; light base in need of care. Fan cover rusted to Z-mart walk in freezer. Gas lines rusted, need coat of paint N. side and E. side. Soffit lights missing, 120V receptacle cover missing on west side.

BUILDING INTERIOR

2: Minor gouges in main area floor.
3: Some tiles cracked in Men's bathroom.
4: Blown bulbs in ceiling lights.
5: Missing heater cover plate in unisex bathroom.
6: Far sink, first row, does not work, men's bathroom.
8: Crack in floor along S. wall of mech. room. Bottom of hot water tank is rusted. Entrance to patio closet lock missing.

EQUIPMENT

3: Heavy rusting on backup generator shroud top and sides.

RAMP OFF

8: Light pole #10 is missing. Pole #13 is mislabeled as pole #10 and has a missing base skirt.

SERVICE STATION EXTERIOR

5: Bottom of entrance ramp settled. Heave in pavement.
6: Concrete spalling around several canopy bases, bottom of booth rusted, bent/broken bollard in diesel area. Rusty light base in diesel area. Misaligned curb in diesel area. Column base plate rusted.
8: Smoker outpost burned/melted N. side.

SERVICE STATION INTERIOR

1: Paint and drywall damage to south of hallway. Garage monir scratches on walls.
2: Spalling and rust in Mechanic Room floors.
7: 24-hr time switch lights cover tabs broken.
9: Garage 8 , dirty; not damaged. Ceiling tiles at main entrance covered with soot. Crack in ceiling in garage closet airduct.

SEWERAGE SYSTEM

7: Pump station alarm sounding.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 25.51		SECTION 2		Mile 25.5 Service Area (SB)		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/15/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	8	1. Pavement	8	1. Pavement	8	1. Paint	9	1. Paint	8
2. Drainage	7	2. Curbing	11	2. Curbing	11	2. Floors	8	2. Doors	6
3. Curbs / Edging	8	3. Edging	11	3. Edging	11	3. Walls	9	3. Masonry	8
4. Ground Cover	8	4. Side Slopes	8	4. Side Slopes	8	4. Fixtures	8	4. Roof	9
5. Access Road	11	5. Drop Inlets	11	5. Drop Inlets	11	5. Heating	9	5. Sidewalks	6
6. Fence & Gate	8	6. Guardrail	11	6. Guardrail	11	6. Plumbing	9	6. Cleanliness	8
7. Lighting	8	7. Lighting	9	7. Lighting	9	7. Electrical	9	7. Miscellaneous	8
8. Signs	8	8. Lighting Pole	8	8. Lighting Pole	9	8. Miscellaneous	9		
9. Striping	8	9. Lighting Plumb	9	9. Lighting Plumb	9	9. Ceiling	8		
10. Cleanliness	8	10. Lighting Paint	11	10. Lighting Paint	11				
11. Miscellaneous	8	11. Lighting Bases	9	11. Lighting Bases	9				
12. Empl. Parking Area	9	12. Lighting Boxes	11	12. Lighting Boxes	11				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	9	1. Paint	8	1. General	12	1. Power Supply	12
2. Manholes	8	2. Doors	9	2. Floors	9	2. Miscellaneous	12	2. Transformer Vault	12
3. Septic Tank	11	3. Masonry	9	3. Walls	8	3. Well Pump Blue	12	3. Miscellaneous	12
4. Sludge Piping	11	4. Roof	11	4. Fixtures	9	4. Well Pump Red System	12		
5. Air Compressors	11	5. Sidewalks	9	5. Heating	8	5. Pressure System	12		
6. Chlorination	11	6. Pump Island Areas	4	6. Plumbing	9	6. Valve Pit	12		
7. Miscellaneous	11	7. Cleanliness	9	7. Electrical	9	7. Generator	12		
		8. Miscellaneous	9	8. Miscellaneous	9	8. Pump Hose	12		
		9. Info Center Exterior	11	9. Ceiling	8	9. Treatment Works	12		
				10. Info Center Interior	11				

Did not inspect HMS Host spaces, not maintained by MTA.

AREA

- 1: EOP raveling E. side of southern and northern truck lot and a few boulders displaced. West side of southern lot raveling. Large pothole in truck parking north end.
- 2: Moderate erosion and riprap displacement at entrance to detention pond on north side of parking lot. South of generator southwest parking lot - ponding at EOP. Could use pitch regrading. 12"CMP cross culvert clogged south end of truck area.
- 3: Broken granite at diesel pumps
- 6: Wood fence end section broken, chain link fence mesh damaged.
- 7: Pole #10 down. Pole #26 no cover.
- 8: Broken delineator bollard at generator. West side "South" collision damage.
- 10: Scattered trash.
- 11: Concrete sidewalk spalled and cracked on west side of north parking area, moderate. Several plaza table surfaces failed.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 25.51

SECTION 2

Mile 25.5 Service Area (SB)

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/15/2016

BUILDING EXTERIOR

- 1: Handrail at gas station, on HC pump, starting to peel and rail rusting.
- 2: One of front entrance doors does not close fully. Damage at bottom of all exterior door frames and window frames (exposed material under metal facade is deteriorating). Southern entrance side door sticks.
- 5: Slab to foundation needs recaulking. Front and rear entrance patios need grouting and resetting. Several panels are loose and rock creating a serious tripping hazard, severe.
- 7: Vegetation growth on back of mechanical room entrance stairs. Damaged bollard coverings at service delivery ramp. Damaged bumper at loading dock. caulking needed around wall hole and at joints in retaining wall. Some table tops cracked in patio area and table top missing. Biofuel/used grease container damaged. Grease spatter on roof from exhaust due to stray grease collector being out of place. Outlet box cover at south entrance broken.

BUILDING INTERIOR

- 2: In seating area, numerous tiles exhibit gouges and cracks.
- 3: Missing tiles on wall in women's room. (did not inspect.)
- 4: Several ceiling lights out.
- 6: Support columns and plates are rusted, bottom corners of booth are rusted.
- 8: (1) hand dryer not working in men's room. At entranceway to patio, lock on closet door is broken. Paint peeling on bollards.
- 9: Paint peeling at skylight. Some tiles cracked at entrance and near bathrooms.

EQUIPMENT

- 3: Gas air handler power box rusted. Gas line rusted. Condensate tube twisted at AC3. Generator top and sides heavily rusted. Could not inspect maintenance room at service station.

RAMP OFF

- 4: Minor erosion on side slopes.
- 8: Minor damage to light pole at gore.

SERVICE STATION EXTERIOR

- 6: Awning columns have paint peeling and rust near base. Bollards rusted. Booth rusted near ground. Diesel Island light base plate covers heavily rusted, 1 bollard damaged, severely damaged at diesel pump. Concrete cracked and ponding water (2"). Canopy drain pipe rusted.

SERVICE STATION INTERIOR

- 3: In hallway near door to rear access of main building, paint loosing from wall. Hairline cracks and gouges in wall of garage. Writing on wall at entrance from plaza. Cracks in office and garage.
- 5: Baseboard rusted.
- 8: Bottom of door frame to storage closet in garage exhibits minor rusting. At main entrance, ceiling tiles covered w/ soot. Office ceiling tiles covered w/ soot, bathroom tiles water stained.

**Maine Turnpike Annual Inspection
2013
Inspection Field Report
HNTB Corporation**

MILE: 25.52		SECTION 2		Mile 25.5 Tunnel Under Turnpike		INSPECTOR(S):		TH	PPD
						INSPECTION DATE:		06/06/2013	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	11	1. Pavement	11	1. Pavement	11	1. Paint	11	1. Paint	11
2. Drainage	11	2. Curbing	11	2. Curbing	11	2. Floors	11	2. Doors	11
3. Curbs / Edging	11	3. Edging	11	3. Edging	11	3. Walls	11	3. Masonry	11
4. Ground Cover	11	4. Side Slopes	11	4. Side Slopes	11	4. Fixtures	11	4. Roof	11
5. Access Road	11	5. Drop Inlets	11	5. Drop Inlets	11	5. Heating	11	5. Sidewalks	11
6. Fence & Gate	11	6. Guardrail	11	6. Guardrail	11	6. Plumbing	11	6. Cleanliness	11
7. Lighting	11	7. Lighting	11	7. Lighting	11	7. Electrical	11	7. Miscellaneous	11
8. Signs	11	8. Lighting Pole	11	8. Lighting Pole	11	8. Miscellaneous	11		
9. Striping	11	9. Lighting Plumb	11	9. Lighting Plumb	11	9. Ceiling	11		
10. Cleanliness	11	10. Lighting Paint	11	10. Lighting Paint	11				
11. Miscellaneous	11	11. Lighting Bases	11	11. Lighting Bases	11				
12. Empl. Parking Area	11	12. Lighting Boxes	11	12. Lighting Boxes	11				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	11	1. Paint	11	1. General	11	1. Power Supply	11
2. Manholes	11	2. Doors	11	2. Floors	11	2. Miscellaneous	11	2. Transformer Vault	11
3. Septic Tank	11	3. Masonry	11	3. Walls	11	3. Well Pump Blue	11	3. Miscellaneous	11
4. Sludge Piping	11	4. Roof	11	4. Fixtures	11	4. Well Pump Red System	11		
5. Air Compressors	11	5. Sidewalks	11	5. Heating	11	5. Pressure System	11		
6. Chlorination	11	6. Pump Island Areas	11	6. Plumbing	11	6. Valve Pit	11		
7. Miscellaneous	11	7. Cleanliness	11	7. Electrical	11	7. Generator	11		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	11		
		9. Info Center Exterior	11	9. Ceiling	11	9. Treatment Works	11		
				10. Info Center Interior	11				

TUNNEL COMMENTS - Confined Space.

The tunnel and the utilities appears to be in very good condition.

One of the light fixtures is hanging from the ceiling near the west access. Half the light fixtures are missing the bulbs (not on the floor), all the ballasts are severely rusted and the condensate is forming on them the dripping on the rust water onto the sewer line. There is a 1/4" transverse crack on both walls and the ceiling 50' west of the east entrance. There is peeling paint, throughout.

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CROSBY

MILE 38.0 to MILE 52.7

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 46.3		SECTION 3		MTA Headquarters		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/15/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	9	1. Pavement	9	1. Pavement	9	1. Paint	9	1. Paint	9
2. Drainage	9	2. Curbing	11	2. Curbing	9	2. Floors	8	2. Doors	9
3. Curbs / Edging	9	3. Edging	11	3. Edging	11	3. Walls	9	3. Masonry	9
4. Ground Cover	9	4. Side Slopes	9	4. Side Slopes	9	4. Fixtures	9	4. Roof	9
5. Access Road	9	5. Drop Inlets	11	5. Drop Inlets	11	5. Heating	9	5. Sidewalks	8
6. Fence & Gate	9	6. Guardrail	11	6. Guardrail	11	6. Plumbing	9	6. Cleanliness	9
7. Lighting	9	7. Lighting	9	7. Lighting	9	7. Electrical	9	7. Miscellaneous	8
8. Signs	9	8. Lighting Pole	9	8. Lighting Pole	9	8. Miscellaneous	11		
9. Striping	8	9. Lighting Plumb	9	9. Lighting Plumb	9	9. Ceiling	8		
10. Cleanliness	9	10. Lighting Paint	9	10. Lighting Paint	9				
11. Miscellaneous	9	11. Lighting Bases	9	11. Lighting Bases	9				
12. Empl. Parking Area	9	12. Lighting Boxes	9	12. Lighting Boxes	9				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	11	1. Paint	11	1. General	11	1. Power Supply	11
2. Manholes	11	2. Doors	11	2. Floors	11	2. Miscellaneous	11	2. Transformer Vault	11
3. Septic Tank	11	3. Masonry	11	3. Walls	11	3. Well Pump Blue	11	3. Miscellaneous	11
4. Sludge Piping	11	4. Roof	11	4. Fixtures	11	4. Well Pump Red System	11		
5. Air Compressors	11	5. Sidewalks	11	5. Heating	11	5. Pressure System	11		
6. Chlorination	11	6. Pump Island Areas	11	6. Plumbing	11	6. Valve Pit	11		
7. Miscellaneous	11	7. Cleanliness	11	7. Electrical	11	7. Generator	11		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	11		
		9. Info Center Exterior	11	9. Ceiling	11	9. Treatment Works	11		
				10. Info Center Interior	11				

AREA

11: Rilling & erosion on employee walking path. Leak in roof over back porch (lunch room) from deck in conference room. Ledge around limits of lot exhibits shear cracks. Door frames to storage shed rusted, leak inside storage shed-source unknown.

12: All ped. ramps have settled, signs of ponding at each. Curb stop in northern most parking lot is deteriorated.

BUILDING EXTERIOR

2: Door frames of universal waste storage building rusted at base.

4: Lighting rod wire and connection brackets are loose at SW corner. Chillwater pipe chase needs new cap (sw corner).

5: HMA pushing up 1" to 2" above flush granite curb. Main entrance cracked brick at tipdown at main entrance.

7: Minor cracking in loading dock. Rod supporting awning over NW ped. door is bowed. Cracked tile on 230 deck.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 46.3

SECTION 3

MTA Headquarters

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/15/2016

BUILDING INTERIOR

- 1: Very minor rust on front deck railings. Minor nail holes in HR/scuffs on wall room 328. Minor scuff on door frame 254. Accounting room has scuffs on wall thru out. Could use new paint. Paint chip in Engineering Main Entry.
- 2: Crack extends throughout entire length of 1st floor starting in State Trooper office then into employee office, crack prominent around each column in hallway along N. side of building. Floor depression room 152 behind door. Cracks in floor shipping/receiving room 168.
- 3: Vertical crack in wall of State Trooper office, outside wall of mens bathroom, outside room 138, and under window in room 134. Crack above 323 door frame. Crack around room 116 door frame and across hall on corner.
- 4: Light out in 317A and 220
- 6: Boiler room near sprinkler service (6), appears some dripping occurred in past.
- 7: Light sensor loose, disconnected top of stairwell 1 (level 3).
- 8: Minor cracking on loading dock. cracks around window frame in room 237.
- 9: Possible leak-stains in ceiling tile of HR near sprinkler head. Possible leaking - discolored ceiling tiles in accounting room near column and exit sign. Water stains on ceiling tile adj. to copy room 325, minor conference room 329 & on 1st floor in cafeteria at NE ped. door. Leak in ceiling by column in accounting (repaired, need tile). Possible leak in 339, tilted light next to stain and scuffs on wall. Stained ceiling tiles from water in cafeteria. Water stain/rust stain in hall outside shipping/receiving 168.

GRAY

MILE 52.7 to MILE 67.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 58		SECTION 4		Mile 58 Service Area (SB)		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/16/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	8	1. Pavement	8	1. Pavement	8	1. Paint	8	1. Paint	9
2. Drainage	8	2. Curbing	11	2. Curbing	11	2. Floors	8	2. Doors	7
3. Curbs / Edging	8	3. Edging	11	3. Edging	11	3. Walls	9	3. Masonry	8
4. Ground Cover	7	4. Side Slopes	7	4. Side Slopes	7	4. Fixtures	9	4. Roof	9
5. Access Road	8	5. Drop Inlets	8	5. Drop Inlets	8	5. Heating	9	5. Sidewalks	8
6. Fence & Gate	7	6. Guardrail	8	6. Guardrail	7	6. Plumbing	9	6. Cleanliness	9
7. Lighting	8	7. Lighting	8	7. Lighting	8	7. Electrical	8	7. Miscellaneous	7
8. Signs	7	8. Lighting Pole	8	8. Lighting Pole	8	8. Miscellaneous	11		
9. Striping	8	9. Lighting Plumb	8	9. Lighting Plumb	8	9. Ceiling	7		
10. Cleanliness	8	10. Lighting Paint	8	10. Lighting Paint	8				
11. Miscellaneous	6	11. Lighting Bases	8	11. Lighting Bases	8				
12. Empl. Parking Area	7	12. Lighting Boxes	8	12. Lighting Boxes	8				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	9	1. Paint	8	1. General	11	1. Power Supply	11
2. Manholes	11	2. Doors	8	2. Floors	9	2. Miscellaneous	11	2. Transformer Vault	11
3. Septic Tank	11	3. Masonry	9	3. Walls	9	3. Well Pump Blue	11	3. Miscellaneous	11
4. Sludge Piping	11	4. Roof	9	4. Fixtures	9	4. Well Pump Red System	11		
5. Air Compressors	11	5. Sidewalks	9	5. Heating	8	5. Pressure System	11		
6. Chlorination	11	6. Pump Island Areas	7	6. Plumbing	9	6. Valve Pit	11		
7. Miscellaneous	11	7. Cleanliness	9	7. Electrical	8	7. Generator	11		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	11		
		9. Info Center Exterior	11	9. Ceiling	9	9. Treatment Works	11		
				10. Info Center Interior	11				

Did not inspect HMS Host Spaces - not maintained by MTA.

AREA

- 1: EOP dropoff 0-3", some raveling especially in in-field areas. Transv. and long. cracking throughout. Not sealed.
- 4: Slope erosion from parking lot. New rilling at gas island area. Severe rilling 24' south of pole 17, to pole 18
- 6: Fencing at dumpster damaged. Fencing damaged by propane tank.
- 7: Light post footing crumbling behind loading dock fence.
- 8: Two delineators down south end by dumpster, sign bent "One Way".
- 11: GR damaged, flattened and leaning in many locations. GR high. Bent near propane tank.

BUILDING EXTERIOR

- 1: Paint peeling on railing and columns.
- 2: Delivery door frame rusting at base. Main entrance door frame rusting/corroded.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 58	SECTION 4	Mile 58 Service Area (SB)	INSPECTOR(S):	HME	PDB
			INSPECTION DATE:	03/16/2016	

3: Large chunk of concrete removed from the corner of the loading dock exposing the railing post to the bottom. Spall on loading dock ramp rail posts bottoms.

7: Some soffit lights rusting. Some soffit light escutcheon plates rusting. Minor deterioration at main entrance granite window wall entrance base; damaged weather stripping at base. Dings in ceiling at entrance. General exhaust pipes rusted and gas line needs paint.

BUILDING INTERIOR

3: Chip in SE corner of mechanical room steps.

5: Elevated walkway HC ramp spalling at several wailing posts.

7: Minor water damage in trim and ceiling at skylight.

8: Mechanical room "good" - clean. Missing caulking on rear dock window wall.

RAMP OFF

4: Some slope failure West Side. Specific at pole #4.

8: Minor collision damage.

RAMP ON

4: Severe rutting on gravel shoulder from truck parking.

SERVICE STATION EXTERIOR

1: Eff. on SE wall.

6: Bollards rusting and damaged at gas island. Conc. spalling and ravelling at diesel pumps island. Light bases rusting at diesel island. Bollards rusting.

8: Bottom of attendant booth corroding. Gas line needs paint. Spalls at service station end rail post (typ). Roof drain/window wall base right of service station entrance rusting/deteriorating. Several soffit lights missing, damaged downspout.

SERVICE STATION INTERIOR

2: Crack in concrete floor at access door to mechanical room.

7: Cover missing on mens bathroom heater.

8: Light rust on base board covers. Insulating boot on pipe valve missing in mechanical room. BFP #5 slow drip.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 59		SECTION 4		Mile 59 Service Area (NB)		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/16/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	7	1. Pavement	7	1. Pavement	7	1. Paint	9	1. Paint	9
2. Drainage	8	2. Curbing	11	2. Curbing	11	2. Floors	8	2. Doors	8
3. Curbs / Edging	8	3. Edging	11	3. Edging	11	3. Walls	8	3. Masonry	9
4. Ground Cover	6	4. Side Slopes	8	4. Side Slopes	8	4. Fixtures	8	4. Roof	9
5. Access Road	11	5. Drop Inlets	8	5. Drop Inlets	11	5. Heating	9	5. Sidewalks	8
6. Fence & Gate	7	6. Guardrail	6	6. Guardrail	7	6. Plumbing	9	6. Cleanliness	9
7. Lighting	8	7. Lighting	8	7. Lighting	8	7. Electrical	8	7. Miscellaneous	7
8. Signs	8	8. Lighting Pole	8	8. Lighting Pole	7	8. Miscellaneous	11		
9. Striping	7	9. Lighting Plumb	6	9. Lighting Plumb	8	9. Ceiling	8		
10. Cleanliness	8	10. Lighting Paint	11	10. Lighting Paint	11				
11. Miscellaneous	7	11. Lighting Bases	8	11. Lighting Bases	8				
12. Empl. Parking Area	8	12. Lighting Boxes	8	12. Lighting Boxes	8				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	11	1. Paint	9	1. Paint	7	1. General	11	1. Power Supply	11
2. Manholes	11	2. Doors	8	2. Floors	8	2. Miscellaneous	11	2. Transformer Vault	11
3. Septic Tank	11	3. Masonry	9	3. Walls	7	3. Well Pump Blue	11	3. Miscellaneous	11
4. Sludge Piping	11	4. Roof	9	4. Fixtures	9	4. Well Pump Red System	11		
5. Air Compressors	11	5. Sidewalks	8	5. Heating	8	5. Pressure System	11		
6. Chlorination	11	6. Pump Island Areas	7	6. Plumbing	9	6. Valve Pit	11		
7. Miscellaneous	11	7. Cleanliness	9	7. Electrical	8	7. Generator	11		
		8. Miscellaneous	9	8. Miscellaneous	9	8. Pump Hose	11		
		9. Info Center Exterior	11	9. Ceiling	7	9. Treatment Works	11		
				10. Info Center Interior	11				

Did not inspect HMS Host Spaces - not maintained by MTA.

AREA

1: Long. & transv. cracking developing throughout the parking areas not sealed. Shoulder sealed.

2: Deep ditch. Basin north of diesel pumps filled w/ debris (Ramp ON).

4: Sparse vegetation, rilling and erosion on slopes.

7: One soffit light escutcheon plate missing/most rusting.

11: Large areas of EOP drop off, erosion and potholes where trucks are cutting corner on north entrance to parking area. 2 transverse cracks at handicap to service area ramp. Monitoring well no cap and broken.

12: Conc. side walk breaking up. Guardrail heavily damaged in areas. South side heavily covered in snow melt debris, guardrail not plumb, damaged and missing posts.

BUILDING EXTERIOR

1: Handrail paint has minor losses.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 59	SECTION 4	Mile 59 Service Area (NB)	INSPECTOR(S):	HME	PDB
			INSPECTION DATE:	03/16/2016	

2: Entrance doors frame ext. starting to deteriorate - minor.

3: Rubbed finish peeling off at the rear handicap ramp foundation. Top of the HC ramp (right side) mortar, concrete missing under patio tiles causing tile damage. Elec. box damaged at ramp. Granite rear steps starting to delaminate.

5: Sidewalk caulking needed.

7: Head gutter leaks over E. patio, S. side. Rubber gasket separating from window frame sw side of building. Several soffit lights missing. Fascia trim at soffit SE corner over HVAC loose. Alum window needs to be recaulked. Rusted hardware/connections N. side at bot. of HC ramp near gas station garage. Conc. cracked at walk to service station entrance SW corner, spalled at downspout. Crack in loading deck platform. 120V outlet cover missing - east side. Rust on generator exhaust/cover.

BUILDING INTERIOR

2: Rebar exposed at main entrance.

9: Water stains on ceiling tile in lobby, cracked tiles in north entrance, loose in south entrance. paint chipped in coupola.

RAMP OFF

6: Twisted end approach and some flattened rail. Some rail high and leaning. Missing posts TP side.

7: Pole #22 (both) base cover off. Pole #7 and #4 not plumb.

RAMP ON

4: Erosion at inlet between parking lot and NB on-ramp gore.

7: Minor rusting on all light pole. Minor dings/dents on all.

SERVICE STATION EXTERIOR

5: Ramp crack.

6: Raveling around edge of conc. pad at diesel island. Concrete island spalled and cracking on edges. Bollards rusting. Diesel island lighting base plate covers heavily rusted.

8: Mountable reflector missing on island E of pumps, timber ties at Citgo sign W. of pumps are deteriorated/rotted.

SERVICE STATION INTERIOR

3: Hole in wall near door to service garage. Loose base trim along E. wall of service garage, vertical hairline crack and paint chipped in wall of garage. Chips on corner of wall.

8: Door and window sill at service station entrance (W. side) is damaged. Garage door rails rusted.

9: Damaged ceiling tiles in managers room.

GARDINER

MILE 100.2 to MILE 108.8

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 102		SECTION 7		West Gardiner Gas Station		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/25/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	8	1. Pavement	11	1. Pavement	11	1. Paint	11	1. Paint	11
2. Drainage	9	2. Curbing	11	2. Curbing	11	2. Floors	11	2. Doors	11
3. Curbs / Edging	9	3. Edging	11	3. Edging	11	3. Walls	11	3. Masonry	11
4. Ground Cover	7	4. Side Slopes	11	4. Side Slopes	11	4. Fixtures	11	4. Roof	11
5. Access Road	11	5. Drop Inlets	11	5. Drop Inlets	11	5. Heating	11	5. Sidewalks	11
6. Fence & Gate	9	6. Guardrail	11	6. Guardrail	11	6. Plumbing	11	6. Cleanliness	11
7. Lighting	9	7. Lighting	11	7. Lighting	11	7. Electrical	11	7. Miscellaneous	11
8. Signs	9	8. Lighting Pole	11	8. Lighting Pole	11	8. Miscellaneous	11		
9. Striping	10	9. Lighting Plumb	11	9. Lighting Plumb	11	9. Ceiling	11		
10. Cleanliness	9	10. Lighting Paint	11	10. Lighting Paint	11				
11. Miscellaneous	11	11. Lighting Bases	11	11. Lighting Bases	11				
12. Empl. Parking Area	9	12. Lighting Boxes	11	12. Lighting Boxes	10				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	13	1. Paint	8	1. Paint	9	1. General	13	1. Power Supply	13
2. Manholes	13	2. Doors	8	2. Floors	9	2. Miscellaneous	13	2. Transformer Vault	13
3. Septic Tank	13	3. Masonry	9	3. Walls	8	3. Well Pump Blue	13	3. Miscellaneous	13
4. Sludge Piping	13	4. Roof	9	4. Fixtures	9	4. Well Pump Red System	13		
5. Air Compressors	13	5. Sidewalks	8	5. Heating	9	5. Pressure System	13		
6. Chlorination	13	6. Pump Island Areas	8	6. Plumbing	9	6. Valve Pit	13		
7. Miscellaneous	13	7. Cleanliness	9	7. Electrical	9	7. Generator	13		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	13		
		9. Info Center Exterior	11	9. Ceiling	9	9. Treatment Works	13		
				10. Info Center Interior	11				

AREA

1: Some cracks in pavement around gas station, moderate map cracking at sw corner of gas island slab. Pavement starting to ravel at NE side of parking lot. Salt and snow damage at SE corner of parking lot.

Areas of EOP drop off 0"-4" and slope erosion on the infield areas. Longitudinal cracks developing in wheel ruts of perimeter road plus EOP raveling

4: Numerous areas where grass growth is sparse.

5: Granite curb separating from concrete sidewalk west side.

7: Pole #20 down and damaged.

SERVICE STATION EXTERIOR

1: Fascia needs painting.

6: Minor spalling on conc. pad-diesel side. Minor cracks on conc. kiosk island. Gas attendant kiosk rusting at bottom. Stainless island curbs rusting at joints. Gas pump minor rusting at base. Rusting/paint chipping on bollards.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 102

SECTION 7

West Gardiner Gas Station

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/25/2016

8: Soffit vent rusted west of building.

SERVICE STATION INTERIOR

1: Paint chip in north end of garage. Paint chip on manager window sill.

2: Stain on floor in mechanical room.

3: Scratches and small hole in walls of bay area. Bottom side of window sill coping missing on NE window. paint chip by mop sink. Scratches on entry doorway on bottom.

8: Per employee, garage door wheel comes off it's track. Vent in bathroom starting to rust and dent.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 102		SECTION 7		West Gardiner Service Plaza		INSPECTOR(S):		HME	PDB
						INSPECTION DATE:		03/25/2016	
AREA		RAMP OFF		RAMP ON		BUILDING INTERIOR		BUILDING EXTERIOR	
1. Paving	11	1. Pavement	11	1. Pavement	11	1. Paint	9	1. Paint	8
2. Drainage	11	2. Curbing	11	2. Curbing	11	2. Floors	9	2. Doors	8
3. Curbs / Edging	11	3. Edging	11	3. Edging	11	3. Walls	9	3. Masonry	8
4. Ground Cover	11	4. Side Slopes	11	4. Side Slopes	11	4. Fixtures	9	4. Roof	9
5. Access Road	11	5. Drop Inlets	11	5. Drop Inlets	11	5. Heating	9	5. Sidewalks	8
6. Fence & Gate	11	6. Guardrail	11	6. Guardrail	11	6. Plumbing	9	6. Cleanliness	9
7. Lighting	11	7. Lighting	11	7. Lighting	11	7. Electrical	9	7. Miscellaneous	7
8. Signs	11	8. Lighting Pole	11	8. Lighting Pole	11	8. Miscellaneous	9		
9. Striping	11	9. Lighting Plumb	11	9. Lighting Plumb	11	9. Ceiling	8		
10. Cleanliness	11	10. Lighting Paint	11	10. Lighting Paint	11				
11. Miscellaneous	11	11. Lighting Bases	11	11. Lighting Bases	11				
12. Empl. Parking Area	11	12. Lighting Boxes	11	12. Lighting Boxes	11				
		13. Miscellaneous	11						
SEWERAGE SYSTEM		SERVICE STATION EXTERIOR		SERVICE STATION INTERIOR		WATER SUPPLY		EQUIPMENT	
1. S System General	13	1. Paint	11	1. Paint	11	1. General	13	1. Power Supply	13
2. Manholes	13	2. Doors	11	2. Floors	11	2. Miscellaneous	13	2. Transformer Vault	13
3. Septic Tank	13	3. Masonry	11	3. Walls	11	3. Well Pump Blue	13	3. Miscellaneous	8
4. Sludge Piping	13	4. Roof	11	4. Fixtures	11	4. Well Pump Red System	13		
5. Air Compressors	13	5. Sidewalks	11	5. Heating	11	5. Pressure System	13		
6. Chlorination	13	6. Pump Island Areas	11	6. Plumbing	11	6. Valve Pit	13		
7. Miscellaneous	13	7. Cleanliness	11	7. Electrical	11	7. Generator	13		
		8. Miscellaneous	11	8. Miscellaneous	11	8. Pump Hose	13		
		9. Info Center Exterior	11	9. Ceiling	11	9. Treatment Works	13		
				10. Info Center Interior	11				

Did not inspect HMS Host Spaces - not maintained by MTA.

BUILDING EXTERIOR

1: Planter rail paint peeling and rusting.

2: Main entrance lobby interior door does not close. RT side main entrance controls slow to respond. Mortar froze. Front entrance base metal - corroded; also door trim and hinges. Main entrance doors/trim/hinge - not plumb/square, 1" gap at bottom between doors. Main entrance lower walls show deterioration on alum. siding.

3: Patio - minor cracks/caulking gone.

5: Sidewalk conc. shifted causing tripping hazard. 1" lip between HMA and granite at both entrances. One canopy light missing: sw side ramp. Paint peeling on rails. Cracks by downspout NE corner and left side. Some veg. betw. cracks south truck entrance.

7: Bottom of columns rusted at loading dock. Pole #9 collision damage.

7: Rust on exterior wall from pipe at sprinkler connection, east side. Mortar missing at light pole 10 base - west ramp to patio.

7: Sparse grass growth in dog walk area. West exhaust fan leaks fryer oil onto roof. Small air handler damaged. Soffit light escutcheon plates rusting. Galvanized covers on condensing units east end are

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 102

SECTION 7

West Gardiner Service Plaza

INSPECTOR(S):

HME PDB

INSPECTION DATE:

03/25/2016

severely ice damaged & rusting. Condensor unit is currently not operating due to damage and water intrusion. Transverse cracks - raised dock to dumpster. Elec. box to ground light for HMS Host sign damaged. Storage shed at loading dock heavily rusted near ground, falling apart. Z- market walk-in AC covers heavily rusted from roof runoff. Downspout rust holes near ground S. entrance, W. side. Weather seal on vent. ducts coming off in areas.

BUILDING INTERIOR

2: Crack in floor at exterior access door in general store. Crack in floor at exterior access door to mechanical room.

8: Leaky valve. Main control/control valve on back flow preventor device adj. to HMS host cold water piping in Mech. room, damaged pipe insulation and corroded pipe at TMV-3 in mech. room.

9: Paint peeling in ceiling of main area. Ceilings stained at all air vents in Maine Craft Center.

Chapter G
Maintenance Areas

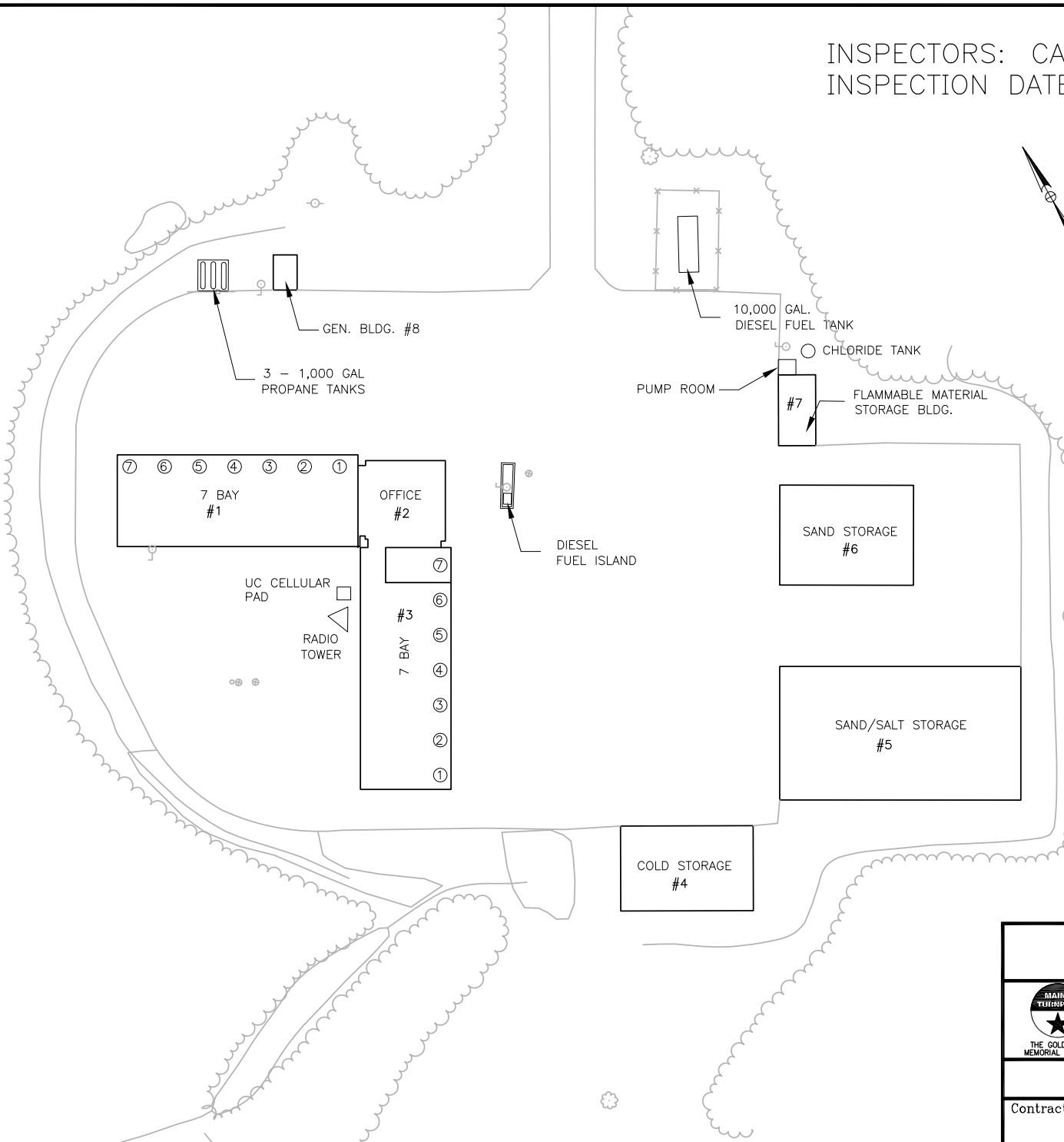
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YORK

MILE 0.3 to MILE 20.0

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INSPECTORS: CAH
INSPECTION DATE: 02/18/16



Maine Turnpike Authority Maine Turnpike	
	SITE PLAN MILE 6.8 YORK MAINTENANCE AREA
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 1 of 1

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.8	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
	STR NO.: 7 Bay #1			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7	1. Doors	8	1. Paint	7
2. Drainage	7	2. Windows	8	2. Floors	7
3. Curbs	11	3. Concrete Foundation	11	3. Walls	7
4. Ground Cover	8	4. Walls	8	4. Tiling	11
5. Access Road	8	5. Roof	8	5. Glazing	8
6. Fence Gate	8	6. Siding	8	6. Heating	9
7. Material Storage	9	7. Lighting	9	7. Plumbing	9
8. Guardrail	8	8. Garage	11	8. Electrical	9
9. Cleanliness	8	9. Miscellaneous	9	9. Cleanliness	8
10. Miscellaneous	7			10. Miscellaneous	11
11. Fencing	8				

AREA

1: Pot holes W. side of building #3 at bay 1 where overlay is delaminating. EOP ravelling S. of building #3.

2: Oil found in swales W. of building #4 and W. of building #1 (Should be cleaned up). Stagnant water in perimeter swales throughout.

3: Fascia at fuel island is severely rusting.

6: Minor damage to gate at entrance.

10: Comm. tower in good condition, minor map cracking of concrete pad. Bollards need paint. Bio-Diesel tank - top and vent tube rusting, chainlink fence and pad in good shape. Back storage area is neat and access road is traversable. Bio-Diesel pump - island curb and bottom of the booth rusting. Stagnant water in ditches throughout. Oil present on water surface W. of building #1 & W. of building # 4.

EXTERIOR

1: Weatherstripping of OH doors broken or missing at bottom, on both sides of column at bays 3 through 6. Several OH doors exhibit rusting at top and bottom inside and out. Rear ped door does not close tight, 1/4" gap between door and frame; needs new weatherstripping paint peeling.

4: Cinder block broken by W. side of bay 3 door, water damage and mold on the bottom 3 blocks along the front and rear. Spalls in cinder block on SW & NW corner. Clean and reseal the bottom 4' of exterior masonry.

5: Overhang fascia needs painting.

6: Needs restaining

9: Crack in apron across all bays, N. side of building #1.

INTERIOR

2: Minor cracks and plow gouges in floor.

3: Paint peeling on the bond beam around the whole building. Evidence of condensation/soot along the entire rear wall, recaulk floor joints. Hole in the block wall above the cold patch bin.

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.81	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
	STR NO.: Office #2			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	8
2. Drainage	11	2. Windows	9	2. Floors	7
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	9
5. Access Road	11	5. Roof	9	5. Glazing	9
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	9	7. Plumbing	9
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

4: Clean and reseal bottom 4' of exterior masonry.

6: Restain/seal redwood all ends.

9: Drip edge damage at bottom of roof causing the fascia to rot-all corners.

INTERIOR

1: Localized paint peeling on ceiling in utility/furnace room.

10: Ceiling tile has water damage along entire S.wall of training room & along W. wall near building #1 at door to men's room. SW corner of breakroom leaks.

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.82	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
	STR NO.: 7 Bay #3			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	7
2. Drainage	11	2. Windows	8	2. Floors	7
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	8
6. Fence Gate	11	6. Siding	8	6. Heating	9
7. Material Storage	11	7. Lighting	9	7. Plumbing	9
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR

- 1: Bottom of overhead doors starting to rust. Weatherstripping needed on bays 1 and 3.
- 2: Grout under precast sills.
- 4: Bottom 3 rows of fascia blocks between bays are molding at several locations, moss growing on some. Clean and seal bottom 4' of exterior masonry.
- 5: Fascia needs painting.
- 9: All bollards at radio tower need paint.

INTERIOR

- 1: Paint peeling on bond beam, top of wall on S, W and E walls.
- 2: Cracks and gouges in concrete floor, all bays.
- 3: Rear wall, bay 5 window gap at the frame full length of the right side. Cracks in wall by water tank, SW corner. Evidence of water leaking along the rear wall.
- 10: Minor damage to floor drain grate in bay 2, floor drain grate in bay 3 does not seat properly, (0.5" lip).

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.83	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
	STR NO.: Cold Storage #4			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	7
3. Curbs	11	3. Concrete Foundation	9	3. Walls	7
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	7
11. Fencing	11				

EXTERIOR

1: Trim damage on bottom of OH doors and ped. doors rusted. Transverse cracking on apron.

4: Several large holes in N. wall.

6: Siding warped on S. side.

9: Electric box mounts rusting.

INTERIOR

2: Scattered cracking throughout, oil stains. Minor frost heaves.

10: No fire extinguisher in building, but vehicles store inside. Steel columns adjacent to OH door rusting near ground.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.84	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
	STR NO.: Salt/Sand Shed #5			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	7	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	7
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	7	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Up to 3" gap under OH door, rust near bottom and on rails, some trim damage, top left side.
- 3: Efflo. staining to exterior from salt overflow.
- 4: Exterior damage rusted through North, South, East & West walls.
- 6: strong rusting 4'-6' up from the bottom
- 9: Electrical box surface rusted.

INTERIOR

- 8: Electrical box surface rusted.
- 10: Louvers badly damaged. Interior bollards all rusted on the bottom. Signs of water damage/staining on walls and floors from rust holes on N & S roofs.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.85	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
	STR NO.: Salt Shed #6			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	7	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

1: 2" gap to OH door, base plate and rails rusting.

4: Rust and holes on W. wall. E. wall damaged with large holes, sand coming through w/ efflo. Top of concrete wall damaged at hole location.

5: Bottom of the roofing rusting.

INTERIOR

3: Some boards on lower wall damaged.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 6.86		INSPECTOR(S): CAH
	STR NO.: Flammable Material Storage Bldg. #7	Maintenance Area - York (Chase Pond Rd)	INSPECTION DATE: 02/18/2016

AREA

1. Paving	11
2. Drainage	11
3. Curbs	11
4. Ground Cover	11
5. Access Road	11
6. Fence Gate	11
7. Material Storage	11
8. Guardrail	11
9. Cleanliness	11
10. Miscellaneous	11
11. Fencing	11

BUILDING EXTERIOR

1. Doors	8
2. Windows	11
3. Concrete Foundation	9
4. Walls	9
5. Roof	9
6. Siding	8
7. Lighting	11
8. Garage	11
9. Miscellaneous	8

BUILDING INTERIOR

1. Paint	11
2. Floors	8
3. Walls	9
4. Tiling	11
5. Glazing	11
6. Heating	11
7. Plumbing	11
8. Electrical	9
9. Cleanliness	9
10. Miscellaneous	11

EXTERIOR

- 1: Bottom of pedestrian door frame rusted.
- 9: Screens detached on S. side vents near floor.

INTERIOR

- 2: Cracking on conc. floor

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

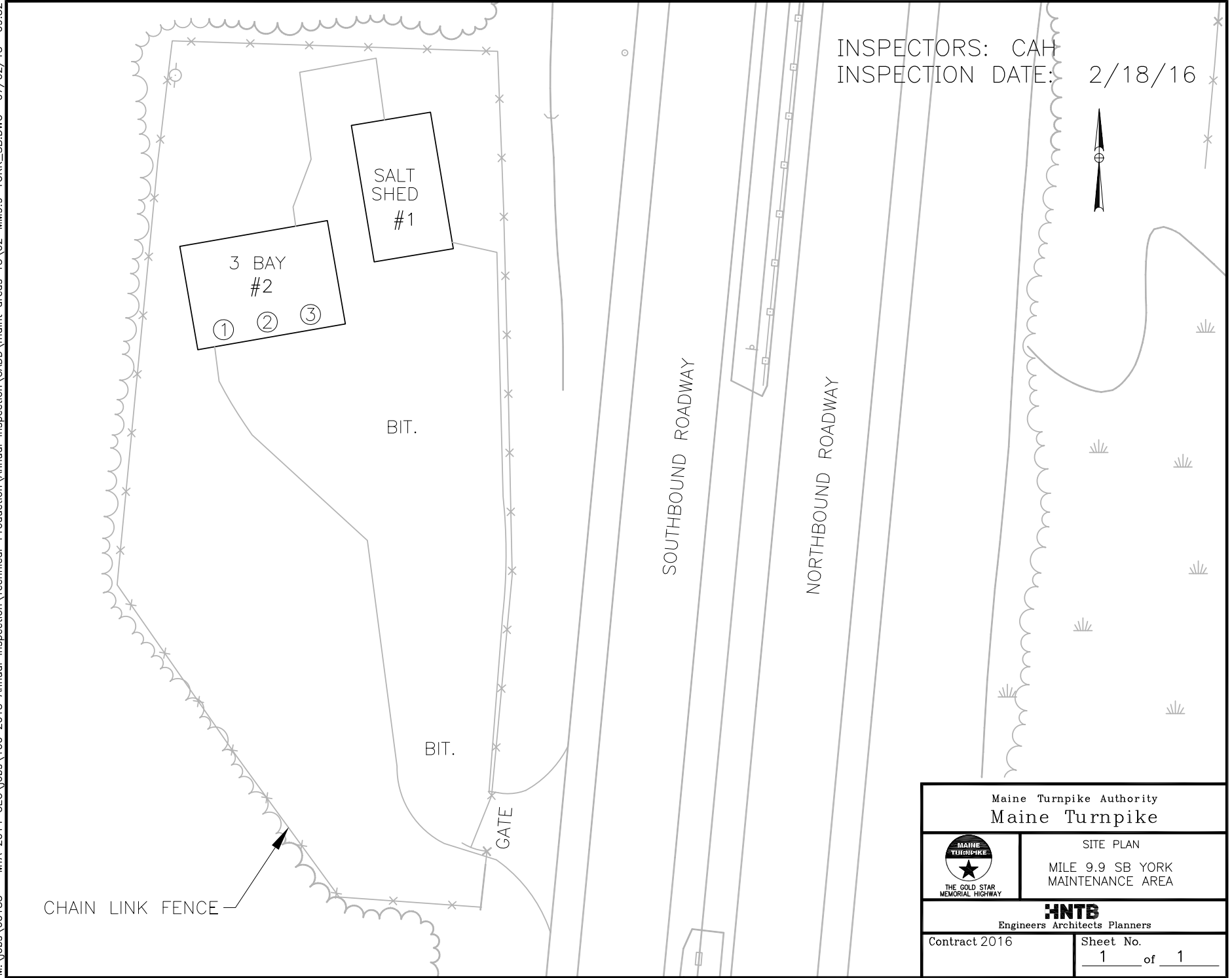
HNTB Corporation

SECTION 1	MILE: 6.87 STR NO.: Generator Bldg #8	Maintenance Area - York (Chase Pond Rd)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/18/2016
				BUILDING INTERIOR	
				1. Paint 11	
				2. Floors 8	
				3. Walls 11	
				4. Tiling 11	
				5. Glazing 11	
				6. Heating 11	
				7. Plumbing 11	
				8. Electrical 9	
				9. Cleanliness 8	
				10. Miscellaneous 11	

INTERIOR

2: Cracks in the floor. Floor damp near louver.

MAINTENANCE AREA



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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 9.9	Maintenance Area - York (SB)		INSPECTOR(S):	CAH
	STR NO.: Salt Shed #1			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	6	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	7	3. Walls	8
4. Ground Cover	7	4. Walls	7	4. Tiling	11
5. Access Road	6	5. Roof	8	5. Glazing	11
6. Fence Gate	8	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	8	8. Electrical	9
9. Cleanliness	9	9. Miscellaneous	4	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

AREA

1: Map cracking throughout. Several areas where pavement is deteriorated. Entrance area by gate recently paved.

11: Opening in fence NW of building #2.

EXTERIOR

1: S slider door rates a 6, new overhead door west side.

3: Several large cracks in salt bay foundation E, S & W sides & SW corner.

4: Paint peeling. Several areas of dry rot on wood siding N. side.

9: Concrete apron is in very bad shape on S. side. Apron spalled on W. side. Several gaps in screening along soffits. Panels not butted tight. Salt bay - multiple truss connections poor or failing. Hurricane tie downs poor or failing.

INTERIOR

2: Spalls, pock marks in conc. floor.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 9.9	Maintenance Area - York (SB)		INSPECTOR(S):	CAH
	STR NO.: 3 Bay #2			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	7
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	7
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	9
7. Material Storage	11	7. Lighting	8	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

- 1: Bay 1 apron 80% spalled (undermining bay 1 OH door). Trim has minor damage, minor paint peeling E fascia, OH door thresholds rusting.
- 2: Window trim needs paint and glazing W. side. Window boarded up N. corner (window broken).
- 3: Cracked and spalled w/ hole undermining NW corner.
- 4: Cracking betw. mortar on cinder blocks and breakup on lower E. face.
- 5: Fascia boards paint peeling over all.
- 6: Tear in siding of sw corner.

INTERIOR

- 2: Oil staining, long. crack and spalling in bay 1, cracking throughout bays 2 and 3. Conc. threshold cracked between bays 1 and 2.
- 3: Cinder block wall separating from floor slab on E. side (up to 1" gap). Efflo. at wall-floor jt w. side. Slab shrinking away, caulk joints
- 6: New gas unit for the 2 bay.
- 8: New electrical thru out.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 1		MILE: 14.8	EVR - Captain Thomas Rd		INSPECTOR(S): CAH	
		STR NO.: 1			INSPECTION DATE: 03/07/2016	
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8		4. Walls	11	4. Tiling	11
5. Access Road	8		5. Roof	11	5. Glazing	11
6. Fence Gate	9		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	11		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11				10. Miscellaneous	11
11. Fencing	9					

Northbound only

AREA

1: Transverse crack at gate, minor map cracking along S. EOP, spider cracking at culvert crossing.

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 17.3	EVR-Littlefield NB	INSPECTOR(S):	CAH	
	STR NO.: 2		INSPECTION DATE:	03/07/2016	
AREA		BUILDING EXTERIOR	BUILDING INTERIOR		
1. Paving	8	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	8	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	9				

AREA

1: Several transverse cracks near gate & near shoulder, minor cracking along S. EOP. Access road - course - minimal fines at surface.

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 1	MILE: 17.3	EVR -Littlefield Road		INSPECTOR(S):	CAH
	STR NO.: 1			INSPECTION DATE:	03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	8	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

AREA

1: mainline side of gate is map cracked.

6: Minor rust at welds. no delineator mainline side.

MAINTENANCE AREA

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

**SECTION 2 MILE: 25.3
STR NO.: 1**

EVR-Route 35

**INSPECTOR(S): CAH
INSPECTION DATE: 03/07/2016**

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	9	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	9				

AREA

1: Map cracking,cracking along S. EOP.
6: Gate rusted at weld joints.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25.4	EVR-Route 35 SB	INSPECTOR(S):	CAH	
	STR NO.: 2		INSPECTION DATE:	03/07/2016	
AREA		BUILDING EXTERIOR	BUILDING INTERIOR		
1. Paving	9	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	9	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

AREA

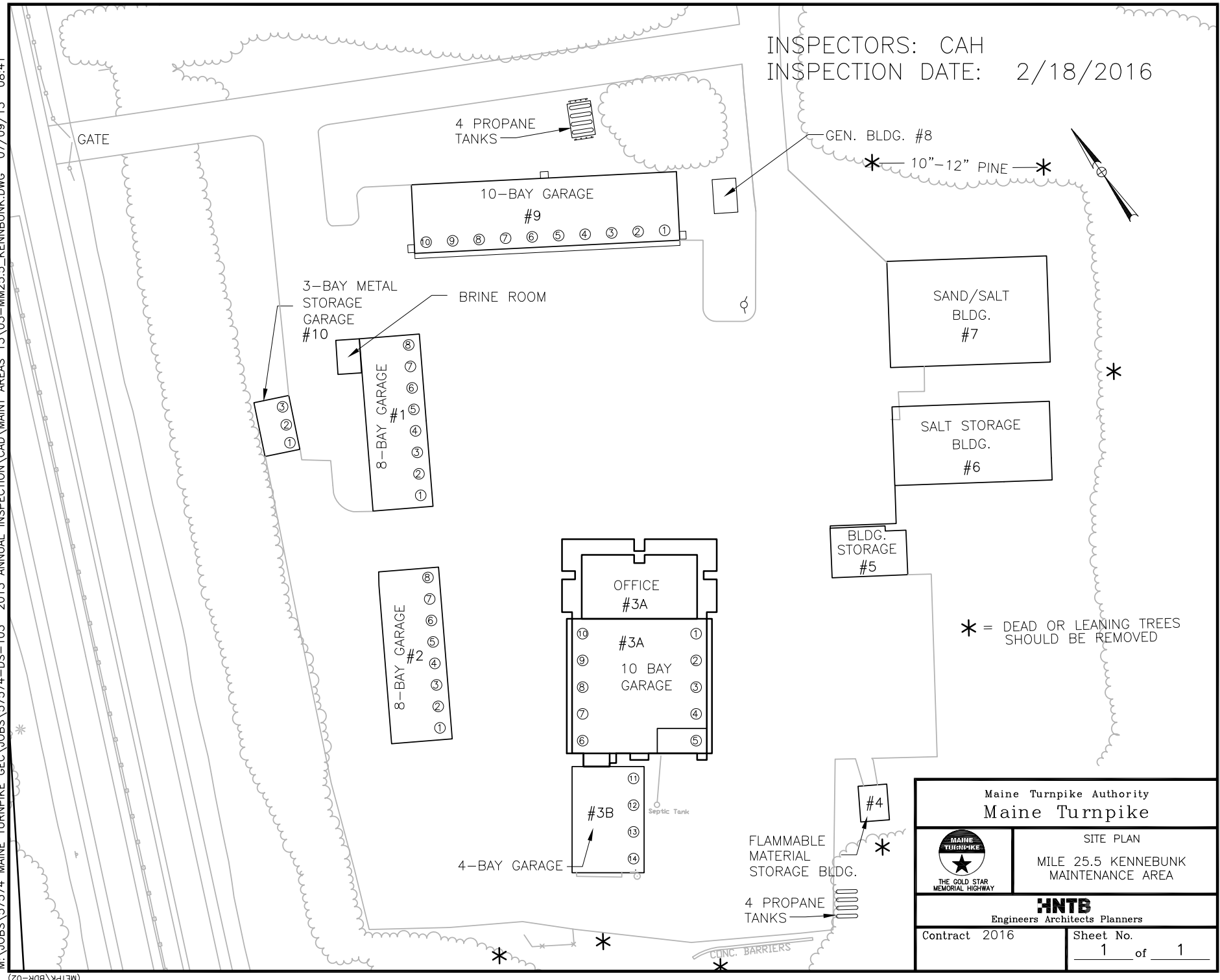
2: Water ponding at low point 50' W. of mainline shoulder. Washout at low point in shoulder area allows some drainage to runoff into ditch. mainline ditch N to S washed over access top.

4: Water ponding at low point 50' W. of mainline shoulder. Washout at low point in shoulder area allows some drainage to runoff into ditch.

MAINTENANCE AREA

INSPECTORS: CAH
 INSPECTION DATE: 2/18/2016

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25.5	Maintenance Area - Kennebunk (NB)		INSPECTOR(S):	CAH
	STR NO.: 8 Bay #1			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8	1. Doors	9	1. Paint	8
2. Drainage	8	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	8	4. Walls	8	4. Tiling	11
5. Access Road	8	5. Roof	8	5. Glazing	8
6. Fence Gate	8	6. Siding	8	6. Heating	8
7. Material Storage	8	7. Lighting	8	7. Plumbing	8
8. Guardrail	9	8. Garage	11	8. Electrical	8
9. Cleanliness	8	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

EXTERIOR

1: Fascia lifted and cracked at Bay 2. All yellow door guards beginning to rust. Peeling paint on fascia board N. side.

3: All aprons have minor spalling, some moderate w/ chips and gouges.

6: Screws in siding at mid height N & S sides, moving out of place. Minor dents and tears. Paint deteriorating on the south side. Siding has minor lifting in several locations.

9: NE corner of building has sustained collision damage, hole in siding. Missing and disconnected gutters near brine tanks on W. side.

INTERIOR

2: Floors have minor cracking, spalling and gouges. Some grates damaged.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25.51	Maintenance Area - Kennebunk (NB)		INSPECTOR(S):	CAH
	STR NO.: 8 Bay #2			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	8
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	7	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

1: All yellow door guards beginning to rust.

3: Minor cracks and spalls on apron and the walls between the bays.

6: Minor damage near the hose.

9: Trim damage around several of the OH doors. Several areas of peeling paint on fascia board N. side.

INTERIOR

2: Trim damage around several of the OH doors. Several areas of peeling paint on fascia board N. side.

10: Trim damage around several of the OH doors. Several areas of peeling paint on fascia board N. side.

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25.5	Maintenance Area - Kennebunk (NB)	INSPECTOR(S): CAH		
	STR NO.: Office Garage #3A		INSPECTION DATE: 02/18/2016		
AREA		BUILDING EXTERIOR	BUILDING INTERIOR		
1. Paving	11	1. Doors	8	1. Paint	9
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	9	4. Tiling	9
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	9
7. Material Storage	11	7. Lighting	9	7. Plumbing	9
8. Guardrail	11	8. Garage	9	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR

1: Bay 1 OH door damaged at the bottom.

6: the redwood needs to be stained.

INTERIOR

2: Floors cracked, joint seam at bay 5 needs recaulking. Vinyl baseboard trim - rate 7.

2: NE/SW corner blocks cracked; have been caulked.

9: Gas line rusted - needs to be repaintedonly painted into the main building from the regulator. Cracks in conc. apron between most bays along W. side. Timber ties at planter outside ped. door to bay 1 is damaged. Pipe insulation on air unit is deteriorated E. side of office near ped. door to bay 1.

10: Crack at pilaster near door to main office. Also minor crack left side and over soffit. Ceiling needs stain. (Garage to office: Check detail - is steel column inside block?) Minor rust on OH door transverse bracing. Minor joint spalls. Significant cracking at ped. door adjacent to bay 1 to exterior. Water stains on ceiling tiles in women's room, in office next to bay 1, in men's room & in kitchen/lounge room. Minor leak from valve in mechanical room along north wall.

MAINTENANCE AREA

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 2		MILE: 25.53	Maintenance Area - Kennebunk (NB)		INSPECTOR(S): CAH
		STR NO.: Office Garage #3B			INSPECTION DATE: 02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	8
7. Material Storage	11	7. Lighting	11	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

1: Bottom at door trim damaged on all bays along E. side. S door needs weatherstripping.

6: Multiple exterior dents, especially on west side. Several gouges, holes on S. side (With most severe damage to siding at center bottom, sign planter).

9: Gas line not painted & rusted.

INTERIOR

2: Concrete spalled around floor gates, several gates are loose fitting.

9: Several areas of oil staining.

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SECTION 2	MILE: 25.54 STR NO.: Paint Shed #4	Maintenance Area - Kennebunk (NB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	7	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	7	5. Glazing	11
6. Fence Gate	11	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR

1: South door severely surface rusted. OH door trim damage.

4: 2" x 3" Hole in east side, paint beginning to fade and chip. Cracked around lintel. Diagonal cracking along cinder block mortar.

9: Rot on louver above OH door.

INTERIOR

10: Holes in screen. 1" gap under ped door.

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SECTION 2		MILE: 25.55	Maintenance Area - Kennebunk (NB)		INSPECTOR(S): CAH
		STR NO.: Salt Shed #5			INSPECTION DATE: 02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	7	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	8	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Damaged foundation at OH door, spalled apron.
- 2: Trim around windows need paint.
- 3: Spalling and cracking, both sides of OH door.
- 6: Hole in north side. Wood siding needs paint/vinyl all sides.

INTERIOR

- 3: wood trim needs paint.
- 10: Trusses have been plywood plated. Birds nest under NE awning.

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HNTB Corporation

SECTION 2		MILE: 25.56	Maintenance Area - Kennebunk (NB)		INSPECTOR(S): CAH	
		STR NO.: Salt Shed #6			INSPECTION DATE: 02/18/2016	
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11		1. Doors	8	1. Paint	11
2. Drainage	11		2. Windows	11	2. Floors	9
3. Curbs	11		3. Concrete Foundation	11	3. Walls	9
4. Ground Cover	11		4. Walls	8	4. Tiling	11
5. Access Road	11		5. Roof	9	5. Glazing	11
6. Fence Gate	11		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	9	7. Plumbing	11
8. Guardrail	11		8. Garage	11	8. Electrical	9
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11				10. Miscellaneous	11
11. Fencing	11					

EXTERIOR

1: Gap below OH door up to 2" due to unlevel ground.

3: Bollard & overhead door trim - completely rusted at bottoms.

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 2		MILE: 25.57	Maintenance Area - Kennebunk (NB)		INSPECTOR(S): CAH
		STR NO.: Sand / Salt Shed #7			INSPECTION DATE: 02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	7
11. Fencing	11				

EXTERIOR

1: Trim above and on side of OH door is damaged.

4: Large rust area on bottom of south east wall (8"x3', 10x4, 24x3', with some previous patching).

6: 3'x2' area of siding damaged, N. OH door - west wall.

INTERIOR

8: 1 light is out.

10: Bollard bases rusted. Fans did not work (2), check breaker. Sand piled above yellow fill line (may be causing interior rust on NE side).

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HNTB Corporation**

SECTION 2		MILE: 25.58	Maintenance Area - Kennebunk (NB)		INSPECTOR(S): CAH
		STR NO.: Generator Bldg. #8			INSPECTION DATE: 02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	9	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

1: Door and frame surface rusting.

6: Mildew on the N side of the vinyl siding. Paint soffit @ eave wood trim.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 25.59	Maintenance Area - Kennebunk (NB)		INSPECTOR(S):	CAH
	STR NO.: 10 Bay #9			INSPECTION DATE:	02/18/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	9
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	9
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	9
7. Material Storage	11	7. Lighting	9	7. Plumbing	9
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

- 1: Damaged OH door trim, bay 2. Heavy mold and mildew both rear doors and bay 4 trim.
- 4: Cored hole in west wall not sealed (Plastic bottle jammed in). Crack in wall under louver on west wall.
- 6: Fascia board at OH doors paint peeling both fascias. Wood siding faded on East side and West side. North side fascia, severe mold/mildew.
- 9: Cracks in concrete aprons at OH doors. Louver paint peeling on both, on west side.

INTERIOR

- 2: Large cracks in floor need sealing at ped doors (Not sealed).
- 3: Hole in cinder blocks between bays 7 and 8.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 2		MILE: 25.591	Maintenance Area - Kennebunk (NB)		INSPECTOR(S): CAH
		STR NO.: 3 Bay #10			INSPECTION DATE: 02/18/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR
1. Paving	11		1. Doors	8	1. Paint 11
2. Drainage	11		2. Windows	11	2. Floors 8
3. Curbs	11		3. Concrete Foundation	11	3. Walls 8
4. Ground Cover	11		4. Walls	8	4. Tiling 11
5. Access Road	11		5. Roof	8	5. Glazing 11
6. Fence Gate	11		6. Siding	8	6. Heating 11
7. Material Storage	11		7. Lighting	11	7. Plumbing 11
8. Guardrail	11		8. Garage	11	8. Electrical 9
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness 8
10. Miscellaneous	11				10. Miscellaneous 11
11. Fencing	11				

EXTERIOR

1: Paint peeling on door trim. Gaps under OH doors. Bay 2 and 3 door base plates detaching, all OH door base plates are rusting.
5: Minor dents.

INTERIOR

2: Gouges in concrete floor.

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HNTB Corporation

SECTION 2		MILE: 28.3	EVR-Limerick Road		INSPECTOR(S): CAH	
		STR NO.: 1			INSPECTION DATE: 03/07/2016	
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9		4. Walls	11	4. Tiling	11
5. Access Road	8		5. Roof	11	5. Glazing	11
6. Fence Gate	8		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	9		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11				10. Miscellaneous	11
11. Fencing	9					

AREA

1: Map cracking up by gate. Several transverse cracks w/ vegetated growth beyond gate.

6: Map cracking up by gate. Several transverse cracks w/ vegetated growth beyond gate.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 2	MILE: 32.8	EVR-South Street NB	INSPECTOR(S): CAH		
	STR NO.: 1		INSPECTION DATE: 03/07/2016		
AREA		BUILDING EXTERIOR	BUILDING INTERIOR		
1. Paving	8	1. Doors	11	1. Paint	11
2. Drainage	7	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9	4. Walls	11	4. Tiling	11
5. Access Road	9	5. Roof	11	5. Glazing	11
6. Fence Gate	9	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	9			10. Miscellaneous	11
11. Fencing	9				

AREA
 1: Ramp/ML shoulder heavily map cracked, large crack at top near South Street (1" gap), several cracks along N. EOP.
 9: low point at shoulder/sw ramp match, standing water.
 10: Minor Sand deposit along S. side of roadway nearly entire length.

MAINTENANCE AREA

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Inspection Field Report

HNTB Corporation

SECTION 2		MILE: 32.9	EVR-South Street SB		INSPECTOR(S):	CAH
		STR NO.: 2			INSPECTION DATE:	03/08/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8		4. Walls	11	4. Tiling	11
5. Access Road	8		5. Roof	11	5. Glazing	11
6. Fence Gate	8		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	11		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11				10. Miscellaneous	11
11. Fencing	8					

AREA

1: Map cracking and pavement breaking up, SE corner w/ raveling & longitudinal cracking along both sides.

5: No road issues, all pavement

11: Fence missing (2) cross pipes connections (pipe remains), S. side of gate.

MAINTENANCE AREA

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CROSBY

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Inspection Field Report

HNTB Corporation

SECTION 3		MILE: 38.1	EVR-Flag Pond Road		INSPECTOR(S):	CAH
		STR NO.: 1			INSPECTION DATE:	03/07/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9		4. Walls	11	4. Tiling	11
5. Access Road	9		5. Roof	11	5. Glazing	11
6. Fence Gate	8		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	8		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11				10. Miscellaneous	11
11. Fencing	9					

NB

AREA

1: Pave breaking up along N. EOP near gate, plow damage along S. EOP.

8: Collision damage to Gr end section dislodged.

11: Top pipe rail disconnected N. side of gate.

MAINTENANCE AREA

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HNTB Corporation

SECTION 3		MILE: 38.2	EVR-Flag Pond Road SB		INSPECTOR(S): CAH
		STR NO.: 2			INSPECTION DATE: 03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8	1. Doors	11	1. Paint	11
2. Drainage	9	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	9	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	9	8. Garage	11	8. Electrical	11
9. Cleanliness	8	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	8			10. Miscellaneous	11
11. Fencing	9				

AREA

1: EOP raveling on the south side w/ longitudinal cracking along most of the length. 30-40% could use berm drop off correcting.

10: There are 8 guardrail posts on the mianline side of the chainlink fence south of the raod along the edge of the woods, potential hazard.

MAINTENANCE AREA

**Maine Turnpike Annual Inspection
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HNTB Corporation**

**SECTION 3 MILE: 44.3
STR NO.: 1**

EVR-Exit 44

**INSPECTOR(S): CAH
INSPECTION DATE: 03/07/2016**

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	8	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

AREA

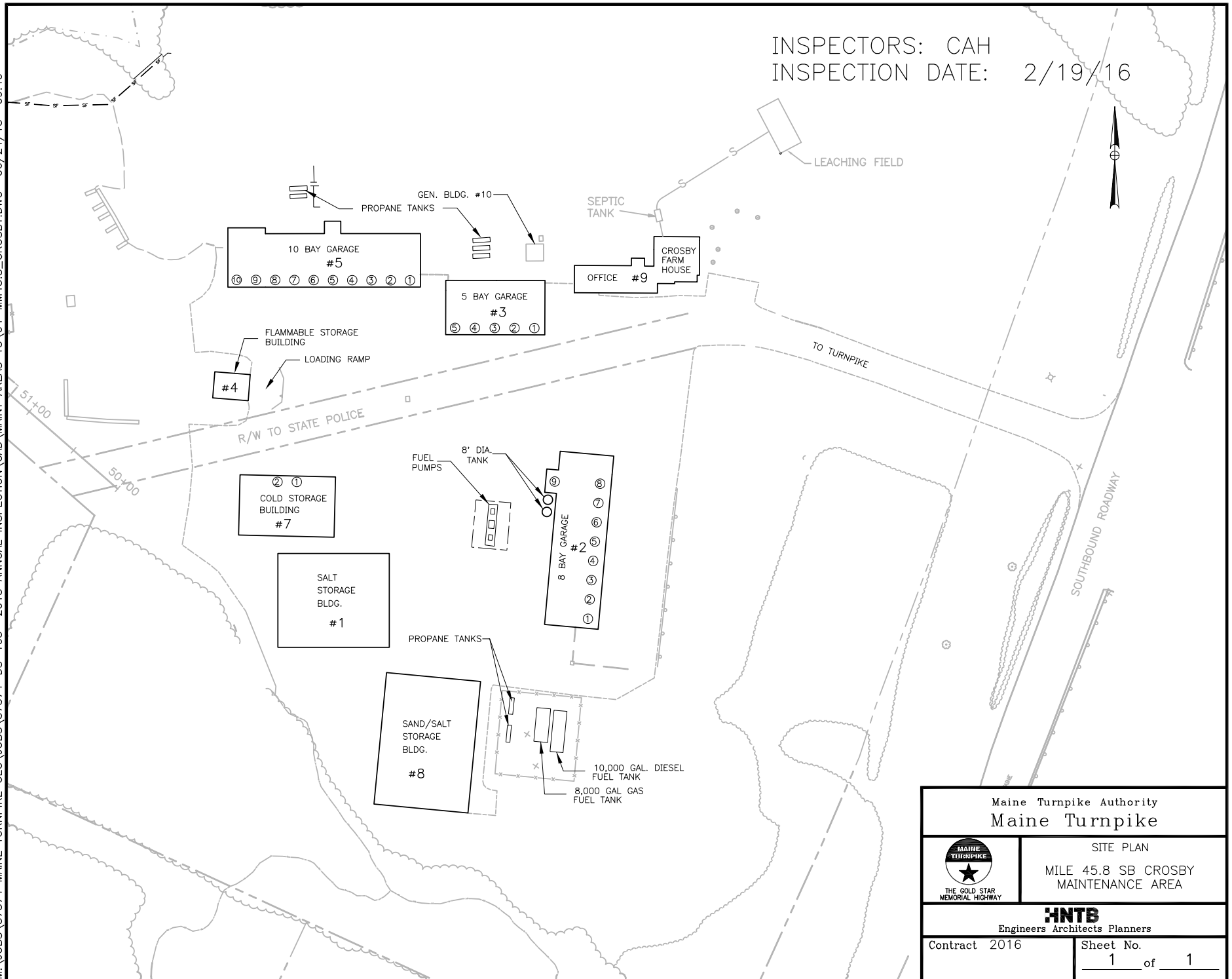
1: Overlay completed of the worst portion of the access in 2014. Edges of new pavement starting to crack and ravel. Minor erosion at edges of pavement.

6: Gate east of toll plaza exhibits heavy rust, peeling paint, no lock & damage to west swing. Gate west of toll plaza exhibits moderate rust, peeling paint and no lock.

MAINTENANCE AREA

INSPECTORS: CAH
INSPECTION DATE: 2/19/16

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Maine Turnpike Authority Maine Turnpike	
SITE PLAN	
MILE 45.8 SB CROSBY MAINTENANCE AREA	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

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HNTB Corporation

SECTION 3	MILE: 45.8	Maintenance Area - Crosby (SB)		INSPECTOR(S):	CAH
	STR NO.: Salt Storage #1			INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	5	1. Doors	8	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	7	4. Walls	8	4. Tiling	11
5. Access Road	6	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	11
7. Material Storage	8	7. Lighting	9	7. Plumbing	11
8. Guardrail	8	8. Garage	11	8. Electrical	8
9. Cleanliness	8	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	8			10. Miscellaneous	8
11. Fencing	8				

AREA

- 1: The lot is severely map cracked, several pot holes and EOP raveling in many locations. Pavement in front of the 8 bay rated a 7.
 2: Oil traps (hoods) cracked in CB's near SW corner of building #5. Sedimentation buildup in riprap at far SE end.
 5: Major map cracking, significant ravelling and erosion at EOP.
 10: Fuel Island - metal trim rusting, bottom and several areas of the booth rusting and concrete spalls at each pump location.
 11: Chain link fence post and bracing damaged -NE corner of fuel tanks. post bent; corner braces out of retaining clips.

EXTERIOR

- 4: Plywood section on center of S. side, failing. Outer plywood layer delaminating.
 9: Ext. bollards need paint.

INTERIOR

- 3: Minor damage- bottom 2' of stress skin plywood.
 8: Surface rust on electrical box, one light out.
 10: Bollards rusting severely. Overhead door rail surface rusted at the bottom, both sides.

MAINTENANCE AREA

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HNTB Corporation

SECTION 3	MILE: 45.81	Maintenance Area - Crosby (SB)		INSPECTOR(S):	CAH
	STR NO.: 8 Bay #2			INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	9
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

1: OH door side trim and weatherstripping damaged, bay 1 through bay 6.

3: Minor map cracking on all aprons.

4: Minor damage to siding on S. & W. walls.

5: Sm. damaged area in edge of roof at 3rd OH door flashing and at bay 8, 6' of eave fascia bottom edge of board. Shingles missing and moss growth on roof over N. ped. door.

6: One hole in siding between bays 6 & 7; (2) holes at SE corner. Minor damage on S. & W. faces.

9: Aluminum louver bent

INTERIOR

2: Concrete spalled & cracked thru out, some floor drain grates damaged, and oil stains thru-out. Map cracking w/ efflo at all bay entrances and cracks throughout.

3: N, W, & S walls could use poly coat (lower portion).

6: Int gas line unpainted and unmarked.

9: Oil staining from vehicles in all bays.

MAINTENANCE AREA

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HNTB Corporation**

SECTION 3 MILE: 45.82
STR NO.: 5 Bay #3

Maintenance Area - Crosby (SB)

INSPECTOR(S): CAH
INSPECTION DATE: 02/19/2016

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	8
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

- 1: Bay 5 paint peeling and minor rot near ground. Bay 3 - minor OH door weather stripping damage
- 3: Foundation (3"x5"x" spall at fnd/slab corner) and apron spalled at SE corner. Cracks in foundation, E. & N. side.
- 4: Small cored hole in center of N. Wall 1' above grade.
- 5: Roof slightly damaged on W. entry door.
- 6: Paint on E. wall gable trim boards deteriorating; minor eave deterioration, S wall/ several gouges in siding E. and W. walls. Sheared wire on lower W. wall with damaged siding.
- 9: All conc. aprons have map cracking and minor spalling.

INTERIOR

- 2: Crack in conc. floor, S. side of building across length-of bays. Other minor cracking and spalling throughout. Minor floor drain grate damage.
- 3: Poly coat needed along bot. 1/3 W, N & E walls.
- 6: Propane gas line not painted or marked.

MAINTENANCE AREA

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SECTION 3 MILE: 45.83
STR NO.: Paint Shed #4

Maintenance Area - Crosby (SB)

INSPECTOR(S): CAH
INSPECTION DATE: 02/19/2016

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

Flammable Storage

EXTERIOR

- 1: Paint peeling on OH door. Minor spalling on OH door curb. (visible from interior).
4: Paint peeling on E. & W. sides. Minor cracking on N & W sides. Daylight visible through west wall cracks.
5: T-111 gable ends need paint.

MAINTENANCE AREA

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 3	MILE: 45.84 STR NO.: 10 Bay #5	Maintenance Area - Crosby (SB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	8
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	9
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

- 1: Wood trim damaged on OH doors. bays 1, 2, 3, 4,6 and 10. Gash in Bay 2 door, 2" Dia. divot.
- 3: Spalled foundation wall between doors 6 and 7.
- 4: Siding damaged at bottom of wall, E. side, bottom 1-2'.
- 9: All aprons map cracked, minor spalling.

INTERIOR

- 2: Concrete floor spalled and scraped in many locations. Floor drain grates damaged. Large cracks in bays 9 & 10.
- 3: New coat of poly needed on bottom 1/3 of the wall before damage starts to occur.
- 6: Gas line in mechanical room is not painted or marked.
- 7: Valve leak at spigot on N. wall in bay 9 (possible leak in hose connection when in use).

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SECTION 3	MILE: 45.85 STR NO.: Cold Storage Bldg #7	Maintenance Area - Crosby (SB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	13	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Bottom of side trim at OH doors damaged. Ped. door surface rusting.
4: Bottom trim of metal walls, heavily rusted.
6: Minor damage to siding, all sides. West side has a good sized bow.

INTERIOR

- 2: Crack and spall in conc. floor at column of W. mezzanine.
10: Surface rust on bottom north column of E. mezzanine, no section loss noted.

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SECTION 3	MILE: 45.86 STR NO.: Sand/Salt Shed #8	Maintenance Area - Crosby (SB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	8	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

1: Ped. door and wood trim damaged. Steel frame and door-surface rusted. 2"x2" divot in the door.

6: Rust spots on N, S and W. sides, some with holes. Some with minor damage. Minor gouges on E. side & W. side. S wall - two 3'x10' areas are rusted/rusting through.

9: 10'x6' area of gouged pavement in front of OH door.

INTERIOR

3: Some damage due to equipment hits.

10: Several bollards rusted at bot. (8").

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SECTION 3		MILE: 45.87	Maintenance Area - Crosby (SB)		INSPECTOR(S): CAH
		STR NO.: Farm House #9			INSPECTION DATE: 02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	7
3. Curbs	11	3. Concrete Foundation	7	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	8
5. Access Road	11	5. Roof	8	5. Glazing	8
6. Fence Gate	11	6. Siding	9	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

2: Glass missing in basement window, N. side. Trim rotted in areas all-around (some replaced)

3: Mortar and some brick missing, N. side. Some cracks in brick E. & N. sides. Undermining of foundation on N, E & W sides.

6: Plywood rotted at fuel fill pipes, N. side.

INTERIOR

2: Basement floor wet and damp. 1-2 in. of water pooled at bottom of stairs, missing mortar and cracks on stone foundation (interior). Worn sheet linoleum in the 2nd floor kitchen and bath, should be tested for asbestos material.

3: Plaster cracking on walls and ceiling of second floor SE spare room.

10: Tool room floor peeling, cracking, 8x8 tile, should be tested for asbestos material. Water stains on ceiling in breakroom. Paint peeling in ladies room on 2nd floor. Attic not insulated and empty. 2nd floor storage over breakroom has cracks in the floor and cracking of plaster walls & ceiling. 12x12 tile in former office area, now MTL storage.

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SECTION 3	MILE: 45.88 STR NO.: Generator Bldg #10	Maintenance Area - Crosby (SB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	11	4. Tiling	11
5. Access Road	11	5. Roof	7	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

5: Roof on N. side gathering moss, shingles curling. S. side missing a few laps/pieces of shingles.
6: Louver trim not painted.

INTERIOR

8: No emergency lighting in building. Some dust and minor surface rust on electrical panel.
9: Dust and sludge on the equipment.

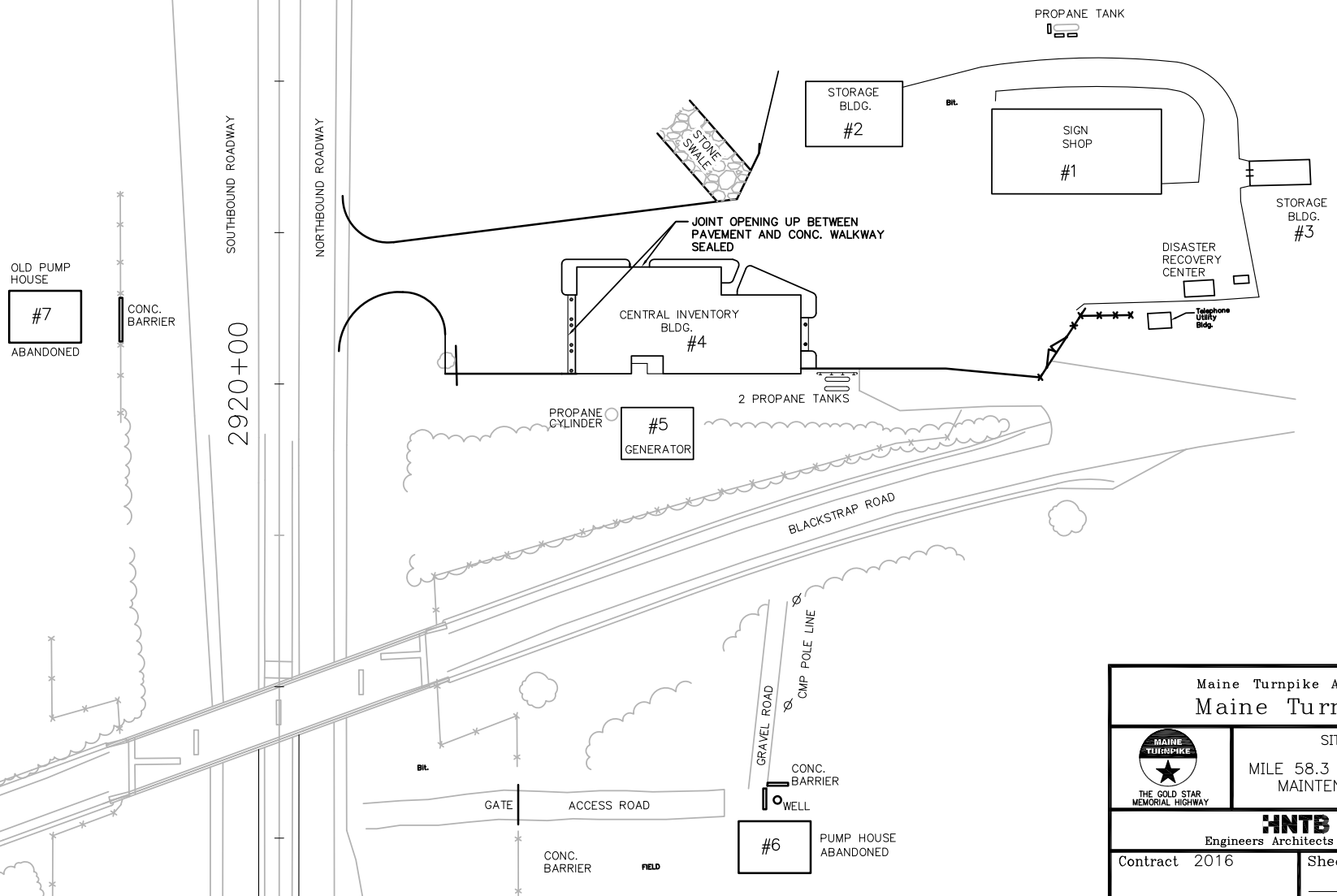
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GRAY

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INSPECTORS: CAH
INSPECTION DATE: 3/1/16



Maine Turnpike Authority Maine Turnpike	
SITE PLAN	
MILE 58.3 NB SIGN SHOP MAINTENANCE AREA	
	
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

**Maine Turnpike Annual Inspection
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SECTION 4		MILE: 58.3	Maintenance Area - Sign Shop (NB)		INSPECTOR(S): CAH	
		STR NO.: Sign Shop #1			INSPECTION DATE: 03/01/2016	
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7		1. Doors	8	1. Paint	7
2. Drainage	8		2. Windows	8	2. Floors	8
3. Curbs	11		3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	8		4. Walls	8	4. Tiling	7
5. Access Road	9		5. Roof	8	5. Glazing	11
6. Fence Gate	9		6. Siding	8	6. Heating	9
7. Material Storage	8		7. Lighting	8	7. Plumbing	9
8. Guardrail	8		8. Garage	8	8. Electrical	9
9. Cleanliness	9		9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11				10. Miscellaneous	7
11. Fencing	8					

AREA

11: some areas of fence damaged around the yard.

EXTERIOR

1: Minor rot on trim on wide side of S oH door.

5: Paint peeling on soffit/fascia in areas.

6: Bottom rusting in some locations.

9: Conduit from power meter rusted throughout.

INTERIOR

2: Crack in conc floor in NW corner of building by room where light bulbs are stored. other cracking throughout. Major cracking to pad below sign storage at far e. side (80% full width). splitting/shearing floor stud tp loft E side.

10: Water stains on ceiling in bay and 2nd parts room. holes in ceiling of 1st parts room.

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SECTION 4		MILE: 58.31	Maintenance Area - Sign Shop (NB)		INSPECTOR(S): CAH
		STR NO.: Storage Bldg #2			INSPECTION DATE: 03/01/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	7	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR
 1: Door rusting, concrete threshold spauling. Both sliding bay doors off the ground by 2", can not close fully. Minor dents on trim and minor rusting on frames on both bay floors.
 5: Roof rusting in areas, can see daylight thru the roof peak in some locations.
 6: Some small holes and dents in siding. Rusting near ground

INTERIOR
 2: Cracking on conc. floor on W side.

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SECTION 4 MILE: 58.32
STR NO.: Storage Bldg #3

Maintenance Area - Sign Shop (NB)

INSPECTOR(S): CAH
INSPECTION DATE: 03/01/2016

AREA

1. Paving	11
2. Drainage	11
3. Curbs	11
4. Ground Cover	11
5. Access Road	11
6. Fence Gate	11
7. Material Storage	11
8. Guardrail	11
9. Cleanliness	11
10. Miscellaneous	11
11. Fencing	11

BUILDING EXTERIOR

1. Doors	8
2. Windows	11
3. Concrete Foundation	11
4. Walls	9
5. Roof	8
6. Siding	8
7. Lighting	11
8. Garage	11
9. Miscellaneous	11

BUILDING INTERIOR

1. Paint	11
2. Floors	8
3. Walls	9
4. Tiling	11
5. Glazing	11
6. Heating	11
7. Plumbing	11
8. Electrical	11
9. Cleanliness	9
10. Miscellaneous	11

Universal Waste Storage

EXTERIOR

5: Paint peeling and significant rot on soffit S. side.

INTERIOR

2: Minor slab cracks w/ efflo.

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SECTION 4 **MILE: 58.33**
STR NO.: Central Inv. #4

Maintenance Area - Sign Shop (NB)

INSPECTOR(S): CAH
INSPECTION DATE: 03/01/2016

AREA

1. Paving	11
2. Drainage	11
3. Curbs	11
4. Ground Cover	11
5. Access Road	11
6. Fence Gate	11
7. Material Storage	11
8. Guardrail	11
9. Cleanliness	11
10. Miscellaneous	11
11. Fencing	11

BUILDING EXTERIOR

1. Doors	8
2. Windows	9
3. Concrete Foundation	9
4. Walls	8
5. Roof	9
6. Siding	8
7. Lighting	9
8. Garage	9
9. Miscellaneous	7

BUILDING INTERIOR

1. Paint	9
2. Floors	8
3. Walls	8
4. Tiling	9
5. Glazing	9
6. Heating	8
7. Plumbing	8
8. Electrical	8
9. Cleanliness	9
10. Miscellaneous	8

EXTERIOR

1: NE door - 2"+ gap under doors, door frame rusting at the bottom. Stock room, both rear doors have a gap at the frame.

4: Seal between 4 lower courses of the bock exterior. Recaulk vertical block joints.

5: Fascia board on N. side has peeling paint in several areas.

9: Front ramp to entrance - pad is a tripping hazard when exiting the building, worse in the winter due to frost heave. Transverse crack in conc. at walkout from NW door, cracks in conc. apron at OH door E. side.

INTERIOR

2: Floor damaged at NE corner due to gap under door. Several cracks in conc. floor of bucket truck/storage room.

3: Vert crack in hall wall left of employee door. (2) Vert. cracks in storage room, N.wall. Vert. crck in corner in hall south wallby front entrance. Vert. crack in breakroom, S.wall. (2) Vert. cracks in locker room, N. wall (hairline). (1) Significant vert crack E. wall fare collection room.

10: Minor water stains on men's room ceiling. (2) water stains on ceiling in foreman's office.

MAINTENANCE AREA

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SECTION 4		MILE: 58.34	Maintenance Area - Sign Shop (NB)		INSPECTOR(S): CAH
		STR NO.: Generator Bldg #5			INSPECTION DATE: 03/01/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Louver in door exhibits light rusting.
6: Recently painted, minor corner trim damage, rt.
9: Insulation missing on the exhaust pipe.

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SECTION 4 MILE: 58.37
STR NO.: Disaster Recovery Center #8

Maintenance Area - Sign Shop (NB)

INSPECTOR(S): CAH
INSPECTION DATE: 03/01/2016

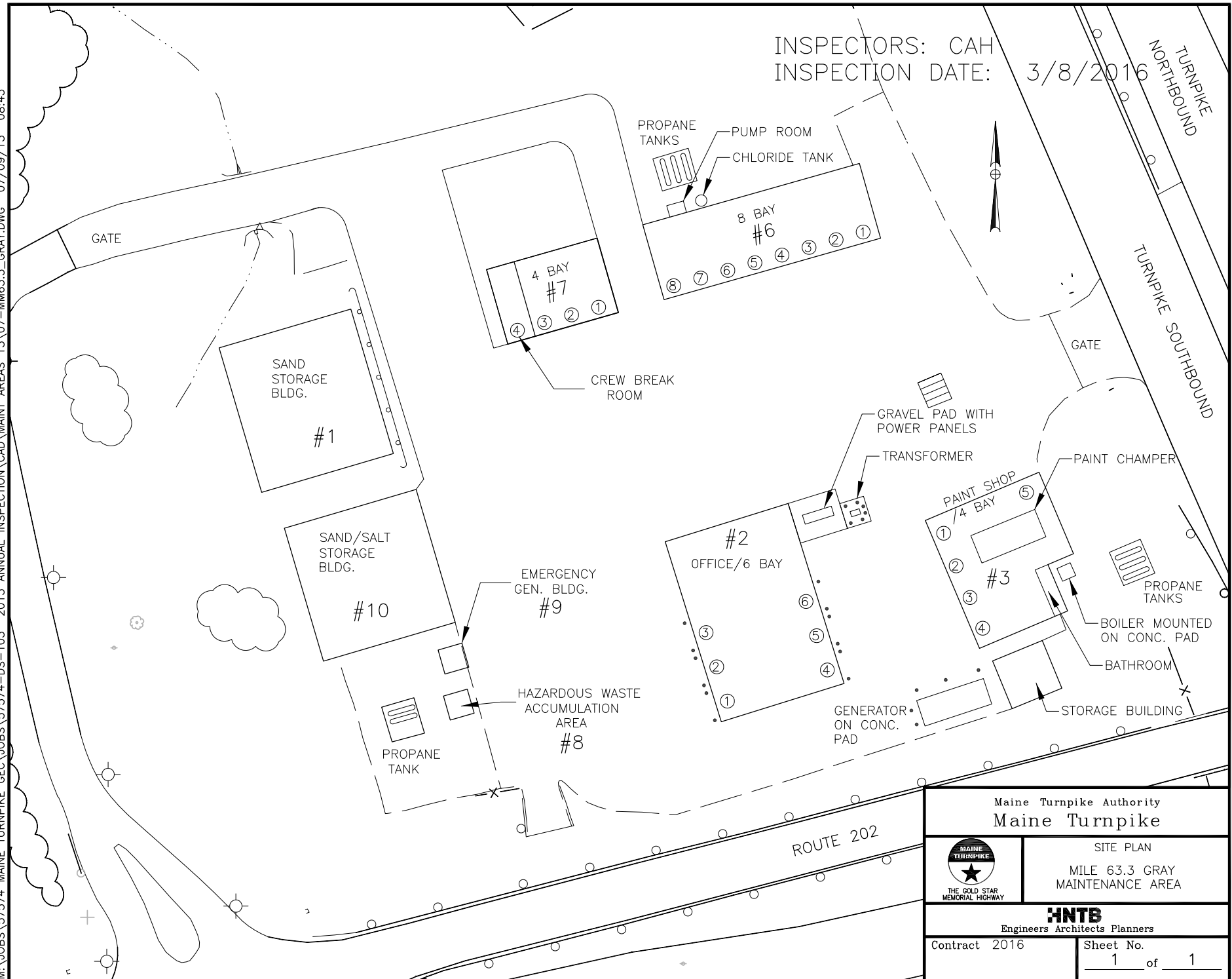
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	9
2. Drainage	11	2. Windows	13	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	9	4. Tiling	13
5. Access Road	11	5. Roof	13	5. Glazing	13
6. Fence Gate	11	6. Siding	9	6. Heating	9
7. Material Storage	11	7. Lighting	9	7. Plumbing	13
8. Guardrail	11	8. Garage	13	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	13
11. Fencing	11				


INTERIOR

9: Backup generator and concrete pad in good condition.

INSPECTORS: CAH
INSPECTION DATE: 3/8/2016

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Maine Turnpike Authority Maine Turnpike	
SITE PLAN	
MILE 63.3 GRAY MAINTENANCE AREA	
 HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

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SECTION 4		MILE: 63.3	Maintenance Area - Gray (SB)		INSPECTOR(S): CAH
		STR NO.: Salt Shed #1			INSPECTION DATE: 03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7	1. Doors	9	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	11	3. Walls	9
4. Ground Cover	8	4. Walls	8	4. Tiling	11
5. Access Road	8	5. Roof	9	5. Glazing	11
6. Fence Gate	8	6. Siding	9	6. Heating	11
7. Material Storage	8	7. Lighting	9	7. Plumbing	11
8. Guardrail	9	8. Garage	11	8. Electrical	9
9. Cleanliness	9	9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

AREA

1: Paving rating for old areas, new areas rate an 8.

4: Some erosion, no grass growth in drainage swale between salt sheds. Winter lawn damage.

6: Entrance gate from Route 26 could use reflectors.

EXTERIOR

4: west side mold/mildew

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SECTION 4	MILE: 63.31 STR NO.: Office/6 Bay #2	Maintenance Area - Gray (SB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	9
2. Drainage	11	2. Windows	9	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	9	4. Tiling	9
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	9
7. Material Storage	11	7. Lighting	9	7. Plumbing	9
8. Guardrail	11	8. Garage	9	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

1: SW door to garage area - does not close correctly, very tight in frame.

9: Rust starting at the bottom of the steel columns near the bottom at both entrance doors. Lifting holes on transformer pad not filled and rusting.

INTERIOR

2: A few random cracks in floor slab in garage area. Small oil spills.

10: Evidence of water leaking on ceiling in the breakroom, several tiles water stained.

MAINTENANCE AREA

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SECTION 4	MILE: 63.32	Maintenance Area - Gray (SB)		INSPECTOR(S):	CAH
	STR NO.: Paint Shop/4 Bay #3			INSPECTION DATE:	03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	9
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	7
6. Fence Gate	11	6. Siding	7	6. Heating	9
7. Material Storage	11	7. Lighting	8	7. Plumbing	9
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Metal door trim jam rusty, OH door N. side.
- 3: Rubbed finish peeling off W. Side.
- 4: SW corner of bldg/bay 4 damaged.
- 5: Overhang beams surface rusting. Very bad 1' high section loss.
- 6: Siding rusty at bottom N, S. and W. sides.
- 9: Pavement cracked and spalled 5' from the apron bays 1-3. Bay 4 repaved section.

INTERIOR

- 1: Minor map cracking on floors.
- 3: South wall, insulation above the wall torn in several locations.
- 9: Rust at base of columns on west side w/ minor spalling.
- 10: Ceiling fans in bay 1 and 3 need repair. No/insufficient ventilation in bay 1. Turbulent ventilation in paint room. Mechanical room door vent is deteriorating.

MAINTENANCE AREA

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SECTION 4	MILE: 63.35	Maintenance Area - Gray (SB)		INSPECTOR(S):	CAH
	STR NO.: 8 Bay #6			INSPECTION DATE:	03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	9
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR

3: Cracks in conc. foundation betw. all bays on S. side.

6: Facia paint on N. side and on E. ped. door trim peeling. Bays 6 and 7, OH door wood trim and weatherstrippingdamaged. Bottom wood trim on all bays damaged and metal corner braces rusted at bottom.

9: Conduits rusting W. side. Apron spalled in several locations. Numerous holes in screening on soffit along N. and S. sides.

INTERIOR

2: Minor spalling and potholes on the floor. Water ponds mid building rather than draining into the floor drain.

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SECTION 4	MILE: 63.36	Maintenance Area - Gray (SB)		INSPECTOR(S):	CAH
	STR NO.: 4 Bay #7			INSPECTION DATE:	03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	11
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	9
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Ped. door W. side trim peeling. Bottom end of garage door trim rotted bays 1-3, below angles.
- 3: Aprons at bay doors map cracking.
- 5: Slight damage to roofing over E and W ped. doors.
- 6: Minor dents in siding.

INTERIOR

- 2: Some spalling on bay floors. Oil stains on floor in bays 1 and 2.
- 3: Ceiling water damaged at chimney.
- 5: All windows have been replaced with vinyl. Trim on window on W. wall needs poly coat.
- 10: Concrete pad at chimney has vert. crack.

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 4 **MILE: 63.37**
STR NO.: HAZ. Waste #8

Maintenance Area – Gray (SB)

INSPECTOR(S): CAH
INSPECTION DATE: 03/08/2016

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	13
2. Drainage	11	2. Windows	11	2. Floors	13
3. Curbs	11	3. Concrete Foundation	11	3. Walls	13
4. Ground Cover	11	4. Walls	8	4. Tiling	13
5. Access Road	11	5. Roof	8	5. Glazing	13
6. Fence Gate	11	6. Siding	11	6. Heating	13
7. Material Storage	11	7. Lighting	13	7. Plumbing	13
8. Guardrail	11	8. Garage	11	8. Electrical	13
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	13
10. Miscellaneous	11			10. Miscellaneous	13
11. Fencing	11				

Locked, no key available.

EXTERIOR

4: Minor rust along bottom of locker. Louver is heavily rusted.

MAINTENANCE AREA

**Maine Turnpike Annual Inspection
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SECTION 4		MILE: 63.38	Maintenance Area - Gray (SB)		INSPECTOR(S): CAH
		STR NO.: Generator Bldg #9			INSPECTION DATE: 03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	7	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

4: Holes in screen vents.

5: Paint peeling on W. fascia, rot damage on E. fascia.

9: Fascia paint peeling, trim broken on E. side fascia. No lock on door. Utility wires exposed on N. side.

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SECTION 4	MILE: 63.39 STR NO.: Sand/ Salt Shed #10	Maintenance Area - Gray (SB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	03/08/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	7
4. Ground Cover	11	4. Walls	11	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

Also used for cold storage.

EXTERIOR

- 1: OH door jams need paint. Main door concrete split bottom hinges.
- 3: Small spall on N. side (midpoint). plywood 3'H salt starting to fall off.
- 5: Minor vehicle damage at roof/concrete 2x6 and 2x14'.
- 6: Minor dents and dings in siding

INTERIOR

- 10: Fan works. Severe corrosion on N. most bollard.

AUBURN

MILE 67.0 to MILE 86.7

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION 5		MILE: 68.6	EVR-Bennett Road NB		INSPECTOR(S):	CAH
		STR NO.: 1			INSPECTION DATE:	03/02/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9		4. Walls	11	4. Tiling	11
5. Access Road	8		5. Roof	11	5. Glazing	11
6. Fence Gate	9		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	11		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11				10. Miscellaneous	11
11. Fencing	7					

AREA

5: Gravel from gate to Bennett Road. 1 foot high snow pile in sand and debris blocking access from Bennett Road end. Several minor low spots in gravel section, wheel paths.

MAINTENANCE AREA

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HNTB Corporation

SECTION 5	MILE: 68.7	EVR-Bennett Road SB		INSPECTOR(S):	CAH
	STR NO.: 2			INSPECTION DATE:	03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	6	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	8	5. Roof	11	5. Glazing	11
6. Fence Gate	9	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	7				

AREA

- 1: Map cracking with pavement breaking up. Some raveling and transverse cracks.
- 4: Damage from contractor use and plowing.
- 5: Mix of gravel and pavement in good shape. Middle 3rd needs gravel in center to drain in winter (iced over).
- 11: Woven wire fence damaged.

MAINTENANCE AREA

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HNTB Corporation

SECTION 5	MILE: 71.6	EVR-Bald Hill Road NB		INSPECTOR(S):	CAH
	STR NO.: 1			INSPECTION DATE:	03/01/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7	1. Doors	11	1. Paint	11
2. Drainage	8	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9	4. Walls	11	4. Tiling	11
5. Access Road	7	5. Roof	11	5. Glazing	11
6. Fence Gate	8	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

AREA

1: Map cracking and EOP raveling.

2: Gravel last 50ft to Bald Hill Road. There is a low point on this section of roadway.

6: Paint next 2-3 years.

MAINTENANCE AREA

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HNTB Corporation

SECTION 5	MILE: 71.7	EVR-Bald Hill Road SB		INSPECTOR(S):	CAH
	STR NO.: 2			INSPECTION DATE:	03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7	1. Doors	11	1. Paint	11
2. Drainage	9	2. Windows	11	2. Floors	11
3. Curbs	11	3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8	4. Walls	11	4. Tiling	11
5. Access Road	6	5. Roof	11	5. Glazing	11
6. Fence Gate	7	6. Siding	11	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	8				

Variable Message Board on concrete pad in very good condtion adj. to EVR.

AREA

1: EVR surface consists of bit grindings spread over gravel base from mainline SB shoulder to gate (Condition fair to good at SB shoulder).

2: Darinage, gravel access requires ditch out.

5: EVR gravel in good condition, entrance needs regrading adj. to mainline. Washout at gate in wheel path full length adjacent to drive.

6: Painted in 2013. Gate post exhibits collision damage. Galvanized, some flaking.

MAINTENANCE AREA

**Maine Turnpike Annual Inspection
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**SECTION 5 MILE: 74
STR NO.: 1**

EVR-Route 122 NB

**INSPECTOR(S): CAH
INSPECTION DATE: 03/01/2016**

AREA

1. Paving	9
2. Drainage	9
3. Curbs	11
4. Ground Cover	9
5. Access Road	9
6. Fence Gate	8
7. Material Storage	11
8. Guardrail	11
9. Cleanliness	11
10. Miscellaneous	11
11. Fencing	9

BUILDING EXTERIOR

1. Doors	11
2. Windows	11
3. Concrete Foundation	11
4. Walls	11
5. Roof	11
6. Siding	11
7. Lighting	11
8. Garage	11
9. Miscellaneous	11

BUILDING INTERIOR

1. Paint	11
2. Floors	11
3. Walls	11
4. Tiling	11
5. Glazing	11
6. Heating	11
7. Plumbing	11
8. Electrical	11
9. Cleanliness	11
10. Miscellaneous	11

Located just south of Route 122 at the DOT yard.

AREA

5: Access repaved from Route 122 to MTA pavement limit.

6: Damage on lower hinge, vertical post bent. Hinges stretched.

MAINTENANCE AREA

Maine Turnpike Annual Inspection

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HNTB Corporation

SECTION 5		MILE: 74.1	EVR-Route 122 SB		INSPECTOR(S):	CAH
		STR NO.: 2			INSPECTION DATE:	03/02/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	8		4. Walls	11	4. Tiling	11
5. Access Road	8		5. Roof	11	5. Glazing	11
6. Fence Gate	8		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	11		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	9				10. Miscellaneous	11
11. Fencing	8					

Located just north of Route 122 w/ access onto Hotel Road.

AREA

1: Minor EOP raveling and cracks. Some map cracking at both ends of roadway.

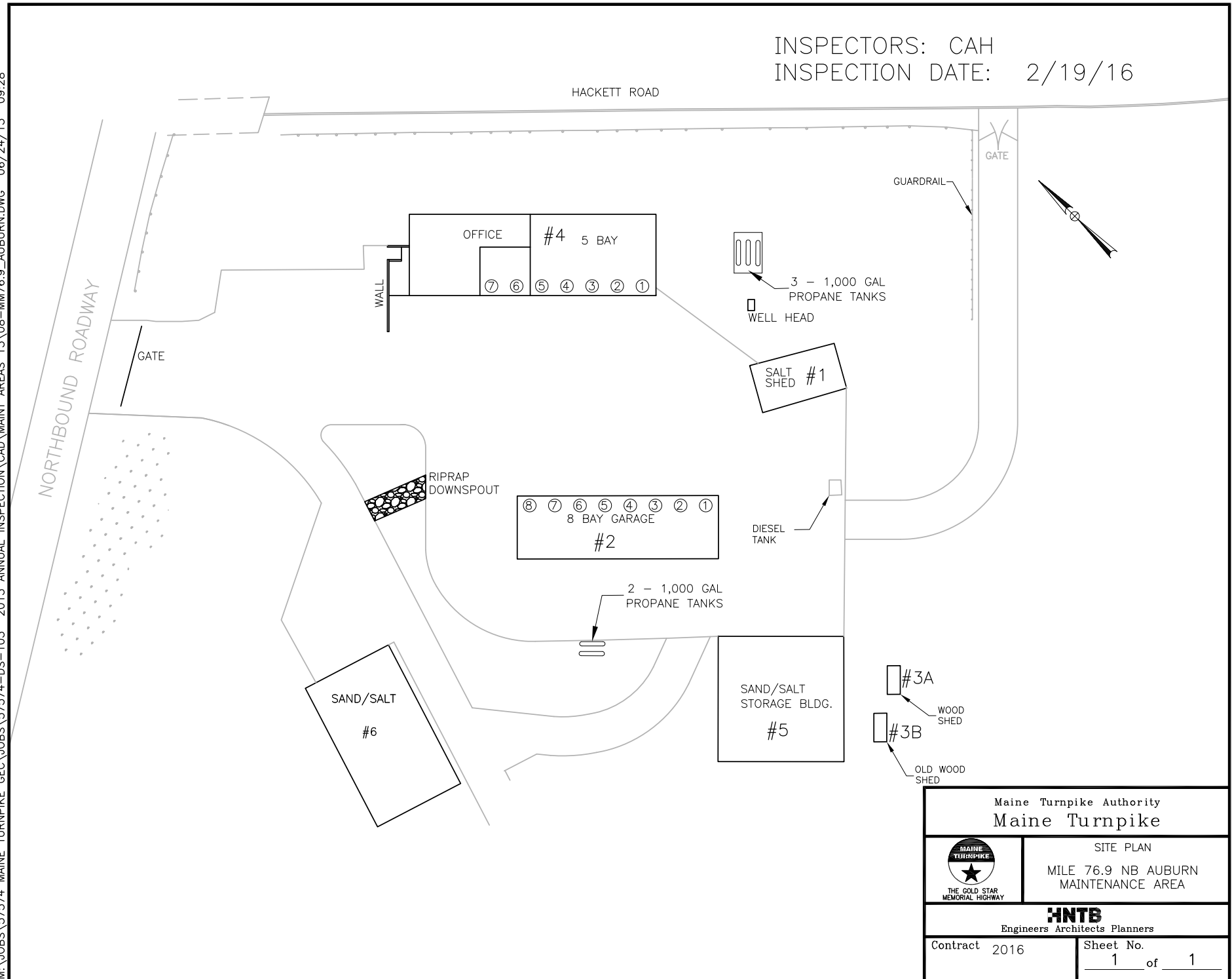
6: Some damage to gate post at connection to structural beam.

10: Stop sign at Route 122 minor collision damage.

MAINTENANCE AREA

INSPECTORS: CAH
 INSPECTION DATE: 2/19/16

M:\JOBS\57574 MAINE TURNPIKE GEC\JOBS\57574-DS-103 2013 ANNUAL INSPECTION\CAD\MAINT AREAS 13\08-MM76.9_AUBURN.DWG 06/24/13 09:28



**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 5	MILE: 76.9	Maintenance Area - Auburn (NB)		INSPECTOR(S):	CAH
	STR NO.: Salt Shed #1			INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	7	1. Doors	8	1. Paint	11
2. Drainage	7	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	7	3. Walls	6
4. Ground Cover	8	4. Walls	6	4. Tiling	11
5. Access Road	8	5. Roof	9	5. Glazing	7
6. Fence Gate	8	6. Siding	6	6. Heating	11
7. Material Storage	8	7. Lighting	8	7. Plumbing	11
8. Guardrail	8	8. Garage	8	8. Electrical	8
9. Cleanliness	8	9. Miscellaneous	9	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	5
11. Fencing	11				

AREA

- 1: Newest pavement adj to 7 bay needs crack sealing.
- 2: Around shed #6, several ponded areas.
- 4: Wooden debris with nails sticking up behind #3B.

EXTERIOR

- 3: Concrete foundation wall spalled along the top (N. and S. side). Vertical crack on S. side.
- 4: Cracks in N&S walls and spalling. Wood siding is rotted along S. side, needs paint.
- 6: Section hanging down in corner by S. bay door exposing insulation. Wood siding has holes.
- 8: East window need glazing putty/paint.
- 9: Bird nesting under awning of E. ped door.

INTERIOR

- 2: Some oil staining.
- 3: Vertical crack on intermediate wall.
- 10: Corroded/failed truss splice plates/hurricane tie downs. Corroded/partially failed cable bracing.

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Inspection Field Report

HNTB Corporation

SECTION 5	MILE: 76.9	Maintenance Area - Auburn (NB)		INSPECTOR(S):	CAH
	STR NO.: 8 Bay #2			INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	11
2. Drainage	11	2. Windows	9	2. Floors	7
3. Curbs	11	3. Concrete Foundation	7	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	9
6. Fence Gate	11	6. Siding	8	6. Heating	9
7. Material Storage	11	7. Lighting	8	7. Plumbing	9
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	7	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

2: Window sill could use a fresh coat of paint W. side.

3: Conc. apron cracked and spalled along N. side (sealed). Cracks in conc. foundation betw. all bays N. side. Conc. foundation (pilaster) betw. bay 6 & 7 spalled w/ exposed resteel.

5: Cracking in chimney. Tile inside cracked cinder black chimney. South roof shingles 20% curled, north roof nil. Wood eaves starting to deteriorate.

6: Gutter broken at SE corner, downspout removed. Holes in siding behind Mg Cl tank. Trim paint peeling at E. ped. door. Hole in siding at SW corner where pipe was removed.

9: Heavy rust on bay door trim guards. Metal trim and trim board damaged at bay 2 N. side. Bay 2 and 4 weatehrstripping damaged.

INTERIOR

2: Moderate to significant transverse cracking and minor spalling and gouging in floor.

10: Corrosion at bottom of OH door in bay 4, all floor drains are slightly raised above conc. floor. Ponding likely occurs at each (noticable at bay 2).

MAINTENANCE AREA

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HNTB Corporation**

SECTION 5 MILE: 76.92
STR NO.: Wood Shed #3A

Maintenance Area - Auburn (NB)

INSPECTOR(S): CAH
INSPECTION DATE: 02/19/2016

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	7	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

- 1: Rust on door and frame, minor damage to door on W. side.
- 3: Concrete slab is undermined on E. side.
- 4: Hole in screen vent on W. side.
- 5: Rotting on fascia boards.
- 6: Paint peeling on all sides. Some rotting in areas.

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SECTION 5	MILE: 76.9 STR NO.: Wood Shed #3B	Maintenance Area - Auburn (NB)		INSPECTOR(S): INSPECTION DATE:	CAH 02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	6	1. Paint	6
2. Drainage	11	2. Windows	6	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	6
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	7	5. Glazing	11
6. Fence Gate	11	6. Siding	6	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	11
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	7
10. Miscellaneous	11			10. Miscellaneous	6
11. Fencing	11				

Interior not accessed in 2016-2013 comments remain.

EXTERIOR

- 2: 2 windows missing and covered with plywood.
- 3: Wildlife hole undermining wooden floor frame E. side.
- 4: Exposed wires on N. side, disconnected power.
- 5: Soffit falling down on SE end.
- 6: Paint peeling on all sides. Some siding lifting from wall w/ small (1'x2') section of siding missing on W. side exposing tar paper.

INTERIOR

- 2: Wood threshold falling apart.
- 3: Large vert. cracks. Wires hanging from ceiling. Holes in walls exposing insulation.
- 10: Part of ceiling missing. Insulation falling down.

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SECTION 5		MILE: 76.9	Maintenance Area - Auburn (NB)		INSPECTOR(S):	CAH
		STR NO.: Office/5 Bay #4			INSPECTION DATE:	02/19/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11		1. Doors	8	1. Paint	8
2. Drainage	11		2. Windows	9	2. Floors	8
3. Curbs	11		3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11		4. Walls	8	4. Tiling	8
5. Access Road	11		5. Roof	9	5. Glazing	9
6. Fence Gate	11		6. Siding	8	6. Heating	8
7. Material Storage	11		7. Lighting	8	7. Plumbing	8
8. Guardrail	11		8. Garage	11	8. Electrical	8
9. Cleanliness	11		9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11				10. Miscellaneous	8
11. Fencing	11					

EXTERIOR

1: OHD in bays 3 & 5 have cracked glass. Weather striping at OHD in bays 2 & 3 is damaged. Rear door needs sill; new weather striping. Garage overhead door bottoms - deteriorating/rusting.
2: Minor Spalls on window sills, N, W & S sides.
4: Eaves mildewed and need paint. Vertical exp joints in block needs recaulking.
6: Wood siding needs stain E & W ends.
9: Sealed cracks on patio deck, delaminating at the edges. All conc. aprons have cracks. Two galvanized heater exhaust on the east end are surface rusted. 2nd to bottom riser on stairs to W. entrance is spalled and cracked. Pipe insulation on fan unit at N. side of building is deteriorated. NE cor. of conc. pad at ped. door on N. side is spalled. Railing at walkway to main entrance needs paint. Walkway to pavement, SW corner needs shim and seal.

INTERIOR

2: Cracks, some with eff, all bays. Cracks in the conc. floor in generator room.
7: Piping carrying potable water along E. wall in bay 1 is heavily corroded.
10: Water stain on ceiling, NE corner in lunchroom and in the mens room. Ceiling tile cracked in hallway at generator room.

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SECTION 5	MILE: 76.95 STR NO.: Sand / Salt Shed #5	Maintenance Area - Auburn (NB)		INSPECTOR(S):	CAH
				INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	7	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR
 1: Ped. door latch sticks, rust at bottom and a small hole. Trim around OH door could use paint. Poor drainage at OH and ped door entrances.
 3: Vertical cracks on S,E and W sides (minor).
 6: Minor damage of metal trim RT. of OH door. Minor dents all sides of the building. Rust w/ holes in rear of building, sand coming through, one 1'x2' dia. and 1'x24' bottom.

INTERIOR
 10: Fan works. Corrosion on OH door rails w/ full section loss near ground. OH door damaged on E. side near ground w/ holes on both sides. Gap forming at ground level.

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SECTION 5	MILE: 76.9	Maintenance Area – Auburn (NB)		INSPECTOR(S):	CAH
	STR NO.: Salt Shed Building 6			INSPECTION DATE:	02/19/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	11	3. Walls	9
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	7
11. Fencing	11				

EXTERIOR

4: Panels T-111 stain, gables good.

6: PT ext panels/posts - need waterproof sealing, posts should be capped. NE face has water staining near ground.

9: Bollards need paint.

INTERIOR

10: OH door, inside door brace rusting. Panel hinges and bollards rusting.

LITCHFIELD

MILE 86.7 to MILE 100.2

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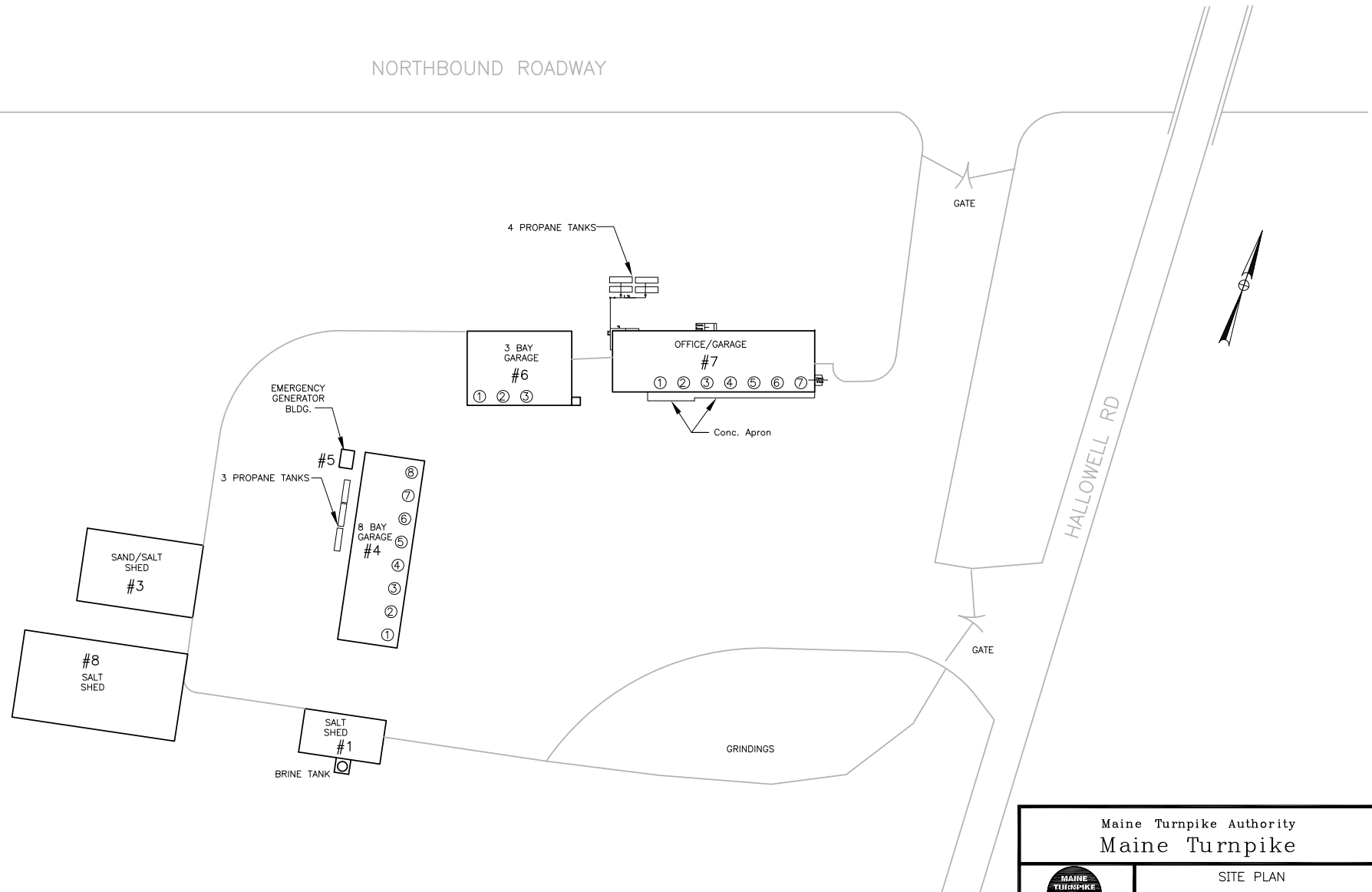
SECTION 6	MILE: 91.9	Maintenance Area - Radio Tower	INSPECTOR(S): CAH
	STR NO.: Tower		INSPECTION DATE: 03/07/2016
AREA		BUILDING EXTERIOR	BUILDING INTERIOR
1. Paving	11	1. Doors 11	1. Paint 11
2. Drainage	11	2. Windows 11	2. Floors 11
3. Curbs	11	3. Concrete Foundation 11	3. Walls 11
4. Ground Cover	11	4. Walls 11	4. Tiling 11
5. Access Road	11	5. Roof 11	5. Glazing 11
6. Fence Gate	11	6. Siding 11	6. Heating 11
7. Material Storage	11	7. Lighting 11	7. Plumbing 11
8. Guardrail	11	8. Garage 11	8. Electrical 11
9. Cleanliness	11	9. Miscellaneous 11	9. Cleanliness 11
10. Miscellaneous	7		10. Miscellaneous 11
11. Fencing	11		


AREA

10: Paint peeling on back board. The back board mounted. (2) non-active cable wires are hanging from top of tower. New fuse box/dis-connect and radio box. Surface rust on the meter box top.

M:\JOBS\57574 MAINE TURNPIKE_GEC\JOBS\57574-DS-103 2013 ANNUAL INSPECTION\CAD\MAINT AREAS 13\09-MM92.6_LITCHFIELD.DWG 07/09/13 08:44

INSPECTORS: CAH
INSPECTION DATE: 2/23/16



Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	SITE PLAN MILE 92.6 NB LITCHFIELD MAINTENANCE AREA
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 1 of 1

(METPK\BDR-02)

**Maine Turnpike Annual Inspection
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HNTB Corporation**

SECTION 6		MILE: 92.6	Maintenance Area - Litchfield (NB)		INSPECTOR(S):	CAH
		STR NO.: Equipment Storage #1			INSPECTION DATE:	02/23/2016
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	6		1. Doors	9	1. Paint	11
2. Drainage	8		2. Windows	8	2. Floors	8
3. Curbs	11		3. Concrete Foundation	7	3. Walls	8
4. Ground Cover	8		4. Walls	7	4. Tiling	11
5. Access Road	11		5. Roof	9	5. Glazing	11
6. Fence Gate	8		6. Siding	7	6. Heating	11
7. Material Storage	8		7. Lighting	8	7. Plumbing	11
8. Guardrail	8		8. Garage	8	8. Electrical	8
9. Cleanliness	9		9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11				10. Miscellaneous	6
11. Fencing	8					

AREA

- 1: Lot heavily cracked throughout, numerous potholes and delamination. Raveling at edges of access drive. Map cracking throughout.
2: Sediment build up in drainage runoff area at Hallowell Road, S. of gate.
8: Steel post at end of guardrail at Hallowell Road is rusted.

EXTERIOR

- 3: Heavy spalling on apron to garage W. side. Large crack up to 1/4" for full height on W. side. Spalling on N. side, lower foundation and small crack extending full height. Spalling at garage entrance w/ rust staining on N. side.
4: Several 2" dia. knot holes in pine boards.
5: One small area of damage (2' x 3').
9: Garage at N. and S. end used as a storage shed.

INTERIOR

- 2: Heavy moisture on floor inside brine pump shed at SE corner. Cracking inside S. ped door.
3: Large crack up to 1" on intermediate wall (Old salt shed) extends to floor on pad in S. garage. Efflo. accum. on top of intermediate wall (From old salt shed).
10: Truss plates failed in several locations. Rust and strand loss to upper wood structure tendons.

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SECTION 6	MILE: 92.6	Maintenance Area - Litchfield (NB)		INSPECTOR(S):	CAH
	STR NO.: Sand / Sand Shed #3			INSPECTION DATE:	02/23/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	7
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	8	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

1: Trim around OH door could use paint. Minor damage around frame.

3: Several vertical cracks on S,E and W foundation.

4: Large hole in S.wall (10'x6'), heavily rusted. Holes and dents, N & W. walls. 2'x6' siding damage, east wall, right of overhead door.

5: 4'x6' rust area south roof, dents bottom 1' and 1'x2' gash in roof, north side.

INTERIOR

3: Bollards corroded and front conc. Foundation walls severely spalled.

10: Fan works.

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SECTION 6	MILE: 92.6	Maintenance Area - Litchfield (NB)		INSPECTOR(S):	CAH
	STR NO.: 8 Bay #4			INSPECTION DATE:	02/23/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	7	3. Walls	8
4. Ground Cover	11	4. Walls	11	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	7
6. Fence Gate	11	6. Siding	7	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

- 1: Bay 8 weatherstripping on top of door frame damaged, minor localized kink. Lower trim at all bays have peeling paint and minor rot. Minor rot on trim and awning of both E and W ped. doors.
- 2: All windows have peeling paint. SE window has worst case of rot on sill and frame.
- 3: All conc aprons spalled and bit. map cracking at joint. Crack at NE corner.
- 5: Awning above E. ped. door has 1/3 covered with moss growth. Missing section of drip edge over bay 7. Minor damage above bays 1 and 2.
- 6: Gouge between bays 1 and 2 in siding. Minor damage on lower S,E and W faces.

INTERIOR

- 2: Minor spalls in several locations. Oil staining/spills in several bays (2,3,5,6,8). Rust stains from vehicle on conc. floor w/ efflo. in bay 6.
- 6: Some cracks in chimney mortar, (has tile liner, almost new brick above roof line), hot spots on back cover of furnace. Ceiling above ductwork is dark stained.

MAINTENANCE AREA

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SECTION 6		MILE: 92.6	Maintenance Area - Litchfield (NB)		INSPECTOR(S): CAH
		STR NO.: Generator Shed #5			INSPECTION DATE: 03/02/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	8
4. Ground Cover	11	4. Walls	9	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	11
7. Material Storage	11	7. Lighting	11	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

9: Insulation material detaching and damaged around the foundation.

INTERIOR

8: Bottom 1' of N and E walls - minor water damage due to condensation off metal conduits/louvers.

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**SECTION 6 MILE: 92.6
STR NO.: 3 Bay #6**

Maintenance Area - Litchfield (NB)

**INSPECTOR(S): CAH
INSPECTION DATE: 03/02/2016**

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	9	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR

1: Door frame damaged at OH door bay 2 S. side. OH door bottoms starting to rust 1-3.

4: Metal siding rusted at bottom all sides. Small side bay door metal trim rusting at the top. (W. side). Metal siding damaged bot. bays 1 & 2 S. side. Several areas siding damaged at bottom E. & W. sides. 2 holes in siding W. side.

INTERIOR

2: Several spalls in conc. around floor drain. Crack at corner of floor drain at S. end of bay 1.

10: Ceiling stains in bathroom over toilet (old).

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SECTION 6		MILE: 92.6	Maintenance Area - Litchfield (NB)		INSPECTOR(S): CAH
		STR NO.: Office / Garage #7			INSPECTION DATE: 03/02/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	7	1. Paint	9
2. Drainage	11	2. Windows	9	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	8
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	11	6. Heating	9
7. Material Storage	11	7. Lighting	9	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	9	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	7
11. Fencing	11				

EXTERIOR

- 1: Rear ped. door at bay 3 severely rusted at the bottom. Door jam rusted and door leaks at this location. Door does not close tight (lock does not engage). Surface corrosion at bottom panel 2 of 7 doors.
4: Backer rod exposed at several wall joints, caulking needs to be redone to cover holes.
9: Cover to 120V receptacle S. side is broken, plug exposed. Curb along access ramp S. side is cracked.

INTERIOR

- 2: Concrete floor - localized patching needed. Cracks throughout most bays.
3: Mortar missing along and above the rear door at bay 3. Most joints appear to be caulked. Minor cracks in block wall at rear of bay 4 near window.
8: Corrosion at fixtures and disconnects in bay 5.
10: Stained ceiling tiles in the bathroom. (2' x 2'). Sheet rock ceiling in five bay punky adj to end walls, likely due to condensation from attic.

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SECTION 6		MILE: 92.6	Maintenance Area - Litchfield (NB) -		INSPECTOR(S): CAH
		STR NO.: Salt Shed #8			INSPECTION DATE: 03/02/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	7	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

EXTERIOR

4: Seal exterior P.T. plywood walls. Hole in SW corner.

6: One wall panel at rear on building partially detached.

9: Structural exterior timber framing seal or cap heavily exposed P.T. timber.

INTERIOR

10: Bollards have minor rust. Lower OH door rails have minor rust.

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SECTION 6		MILE: 92.6	EVR-Academy Road SB		INSPECTOR(S): CAH	
		STR NO.: 1			INSPECTION DATE: 03/07/2016	
AREA			BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	9		1. Doors	11	1. Paint	11
2. Drainage	9		2. Windows	11	2. Floors	11
3. Curbs	11		3. Concrete Foundation	11	3. Walls	11
4. Ground Cover	9		4. Walls	11	4. Tiling	11
5. Access Road	9		5. Roof	11	5. Glazing	11
6. Fence Gate	9		6. Siding	11	6. Heating	11
7. Material Storage	11		7. Lighting	11	7. Plumbing	11
8. Guardrail	9		8. Garage	11	8. Electrical	11
9. Cleanliness	11		9. Miscellaneous	11	9. Cleanliness	11
10. Miscellaneous	8				10. Miscellaneous	11
11. Fencing	9					

AREA

1: Cracking along both edges of the roadway.

2: Minor washout along drainage swales & where Academy Road meets SB mainline. Some erosion through shoulder area w/ minor undermining of pavement N. side.

10: All reflective delineator missing from swing gate. Minor equip. damage from installing stone sediment traps, will revegetate with time.

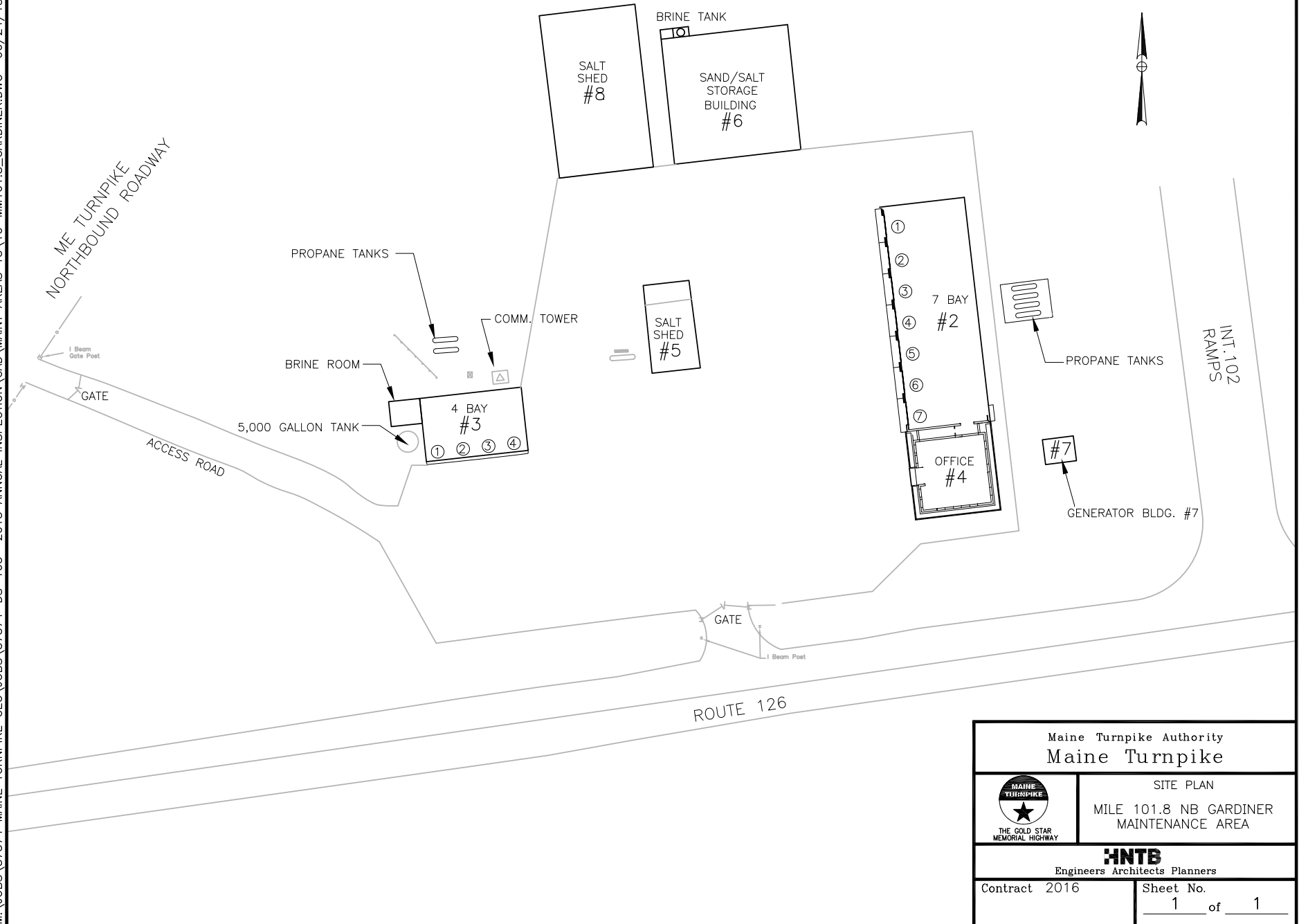
MAINTENANCE AREA

GARDINER

MILE 100.2 to MILE 108.8

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INSPECTORS: CAH
INSPECTION DATE: 3/5/16



Maine Turnpike Authority Maine Turnpike	
	SITE PLAN
	MILE 101.8 NB GARDINER MAINTENANCE AREA
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 1 of 1

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SECTION 7		MILE: 101.8	Maintenance Area - Gardiner (NB)		INSPECTOR(S): CAH
		STR NO.: 7 Bay #2			INSPECTION DATE: 03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	8	1. Doors	8	1. Paint	8
2. Drainage	7	2. Windows	9	2. Floors	8
3. Curbs	8	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	8	4. Walls	8	4. Tiling	11
5. Access Road	8	5. Roof	8	5. Glazing	9
6. Fence Gate	7	6. Siding	8	6. Heating	8
7. Material Storage	8	7. Lighting	8	7. Plumbing	8
8. Guardrail	9	8. Garage	11	8. Electrical	8
9. Cleanliness	8	9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

AREA

- 2: Several washouts on embankment slope W. of S. gate entrance & along S. side of access road. (could mitigate by use of berm).
6: Rusty gate at NB roadway.

EXTERIOR

- 1: Vertical PUC seal is damaged on doors (painted 2/6/2013). OH doors are rusty at bottom (minor exterior, moderate interior). PUC seal deteriorated and/or broken on OH doors. End Maintenance door (painted 2013). Minor rusting on bottom of ped. door N. side (interior). Paint peeling on metal OH door frames.
2: Some conc. window sills E. side damaged.
4: Foundation layer of blocks - several are broken and exhibit mold growth. We understand the water enters the building thru these broken blocks in the winter. N. wall - what appears to be wall sealer is peeling off the blocks and deteriorating. Several blocks w/ cracks on E. wall.
6: Wood siding needs stain, all sides.

INTERIOR

- 1:
2: Several cracks in floor in bay 7 (toolroom) & throughout remaining bays of garage. (most prevalent in bay 1).
3: Staining evidenced on E. wall between bay 1 & 2.
10: Evidence of past leaks on ceiling in bay 7 (stains, flaking at several locations). Same in room next to toolroom (likely caused by condensation from air unit in mezzanine).

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**SECTION 7 MILE: 101.81
STR NO.: 4 Bay #3**

Maintenance Area - Gardiner (NB)

**INSPECTOR(S): CAH
INSPECTION DATE: 03/07/2016**

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	8
6. Fence Gate	11	6. Siding	8	6. Heating	8
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	8	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Paint peeling on ped. doors and windows. Several yellow door guards rusting.
6: Paint peeling on N. fascia. Siding damaged at Bay 4. Several gouges & holes in siding N & W sides.
9: Screen under soffit torn in several locations. Seam opening up in pavement in front of all bays. Louvers slightly damaged W. side.

INTERIOR

- 2: Floor spalled and gouged in several areas. Several areas w/ oil stains.
10: Signs of leakage on ceiling around chimney. Moderate surface rusting of both ped. brine room doors. Could use poly coat on lower boards.

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SECTION 7 MILE: 101.82
STR NO.: Office #4

Maintenance Area - Gardiner (NB)

INSPECTOR(S): CAH
INSPECTION DATE: 03/07/2016

AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	8
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	11	3. Walls	8
4. Ground Cover	11	4. Walls	8	4. Tiling	8
5. Access Road	11	5. Roof	8	5. Glazing	9
6. Fence Gate	11	6. Siding	8	6. Heating	9
7. Material Storage	11	7. Lighting	8	7. Plumbing	8
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

5: Several shingles missing, several are lifting.

6: Siding needs stain on S, E & W sides. Trim/Fascia rates a 9.

INTERIOR

3: Hairline cracks in E. wall near Women's Room, drywall seams.

7: Water treated/rust stains, everything works.

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SECTION 7	MILE: 101.83	Maintenance Area - Gardiner (NB)		INSPECTOR(S):	CAH
	STR NO.: Salt Shed #5			INSPECTION DATE:	03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	7	1. Paint	11
2. Drainage	11	2. Windows	8	2. Floors	8
3. Curbs	11	3. Concrete Foundation	7	3. Walls	8
4. Ground Cover	11	4. Walls	7	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Doors paint peeling, wood rotting. Main sliding doors in poor condition due to rot, loose hardware. New OH door on NE corner.
- 2: Crack in window.
- 3: Large vert. cracks in foundation on E & W sides and SE corner of sidewalk.
- 4: Small holes in E & W walls.

INTERIOR

- 2: Floor spalled at entrance.
- 4: Efflo. build up in back room on top of conc. foundation w/ minor spalling.
- 10: Overhead diagonal cable ties severely corroded and over 50% strand loss on "functioning" cable. One transverse snapped. Truss plates and hurricane tie-downs corroded. Several connections failed.

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SECTION 7		MILE: 101.84	Maintenance Area - Gardiner (NB)		INSPECTOR(S): CAH
		STR NO.: Salt Shed #6			INSPECTION DATE: 03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	8
3. Curbs	11	3. Concrete Foundation	8	3. Walls	8
4. Ground Cover	11	4. Walls	11	4. Tiling	11
5. Access Road	11	5. Roof	8	5. Glazing	11
6. Fence Gate	11	6. Siding	8	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	8
11. Fencing	11				

EXTERIOR

- 1: Wood trim around ped. doors damaged, rotted and needs repair.
3: Some vert. cracking in foundation.
5: Holes in roof.
6: Rust spots with small holes on N. side, minor dents. Minor damage of siding on SE corner.

INTERIOR

- 3: Minor delam. between OH and Ped. door on conc. foundation w/ efflo. from salt along bottom of S. conc. wall.
10: Brine room damp and holes in roof. Some wasp nests. Fan works. Missing section in N. louver. Corrosion on lower portion of OH door rails w/ section loss on E. side.

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SECTION 7		MILE: 101.85	Maintenance Area - Gardiner (NB)		INSPECTOR(S): CAH
		STR NO.: Generator Bldg.			INSPECTION DATE: 03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	8	1. Paint	11
2. Drainage	11	2. Windows	11	2. Floors	9
3. Curbs	11	3. Concrete Foundation	9	3. Walls	9
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	7	6. Heating	11
7. Material Storage	11	7. Lighting	8	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	8
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	8
10. Miscellaneous	11			10. Miscellaneous	11
11. Fencing	11				

EXTERIOR

1: Minor rust at frame.

6: Need paint T-111/trim, louver frames. Minor rot on lower portions, peeling paint throughout.

INTERIOR

2: No cracks, minor stains.

3: Minor water stains on lower portions of plywood walls.

8: 2 fixtures not working.

10: Interior propane lines black/not yellow. Many rodent traps located around and in building (gap under door likely point of entry).

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SECTION 7		MILE: 101.86	Maintenance Area - Gardiner (NB)		INSPECTOR(S): CAH
		STR NO.: Salt Shed #8			INSPECTION DATE: 03/07/2016
AREA		BUILDING EXTERIOR		BUILDING INTERIOR	
1. Paving	11	1. Doors	9	1. Paint	11
2. Drainage	11	2. Windows	9	2. Floors	9
3. Curbs	11	3. Concrete Foundation	11	3. Walls	9
4. Ground Cover	11	4. Walls	8	4. Tiling	11
5. Access Road	11	5. Roof	9	5. Glazing	11
6. Fence Gate	11	6. Siding	9	6. Heating	11
7. Material Storage	11	7. Lighting	9	7. Plumbing	11
8. Guardrail	11	8. Garage	11	8. Electrical	9
9. Cleanliness	11	9. Miscellaneous	11	9. Cleanliness	9
10. Miscellaneous	11			10. Miscellaneous	9
11. Fencing	11				

Chapter H

Drainage – Box Culverts

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KENNEBUNK

MILE 20.0 to MILE 38.0

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SECTION: 2 Kennebunk (Mile 20.0 To 38)

BOX CULVERT

MILE: **26.35** DIRECTION: **SB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **9** 5. Channel - Scour **8**
2. - Settlement **9** 6. - Silt **8**
3. Barrel - Cracks **13** 7. - Drift **9**
4. - Silt **13**

Ward River: Water level 4' from top of box. Minor spall on HW. Cannot see thru the box to the other side. Refer to the most recent Underwater Inspection Report for additional information. Minor erosion behind north WW.

MILE: **26.36** DIRECTION: **NB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **8** 5. Channel - Scour **7**
2. - Settlement **8** 6. - Silt **8**
3. Barrel - Cracks **13** 7. - Drift **8**
4. - Silt **13**

Ward River: Heavy erosion about 50' downstream. Large pine tree crossing stream at ROW. PVC pipe debris in channel. Barrel full 3' from top. heavy erosion behind rail. Refer to the most recent Underwater Inspection Report for additional information.

MILE: **27.8** DIRECTION: **NB**
Cell Depth: **8** INSPECTION DATE: **04/13/2016**
Cell No.: **1** INSPECTOR(S): **TH**
Cell Width: **8**
1. Walls - Cracks **8** 5. Channel - Scour **8**
2. - Settlement **9** 6. - Silt **13**
3. Barrel - Cracks **13** 7. - Drift **9**
4. - Silt **13**

Duck Brook: Mortar cap on S. WW. broken off. Minor spalling. Trees cut and left in channel 50 feet downstream. Barrel 1/2 full of water. Refer to the most recent Underwater Inspection Report for additional information.

MILE: **27.81** DIRECTION: **SB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **9** 5. Channel - Scour **8**
2. - Settlement **8** 6. - Silt **8**
3. Barrel - Cracks **9** 7. - Drift **9**
4. - Silt **13**

Duck Brook: Some minor erosion S. WW. Moderate roadway washout at top of slope undermining pavement. N. WW seperated from the barrel at bottom 3". Spalling on N. edge of HW. Refer to the most recent Underwater Inspection Report for additional information.

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Inspection Field Report

HNTB Corporation

SECTION: 2 Kennebunk (Mile 20.0 To 38)

BOX CULVERT

MILE: **33.55** DIRECTION: **SB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **8** 5. Channel - Scour **8**
2. - Settlement **9** 6. - Silt **8**
3. Barrel - Cracks **13** 7. - Drift **9**
4. - Silt **13**

Deep Brook: Minor erosion behind WWs. Minor vegetation growth in section JT of N. WW.

MILE: **33.56** DIRECTION: **NB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **9** 5. Channel - Scour **13**
2. - Settlement **8** 6. - Silt **13**
3. Barrel - Cracks **13** 7. - Drift **9**
4. - Silt **13**

Deep Brook: 1/4 full of water. Transverse crack panning 80% on top of hw. Chip in top of south ww. north similar.

CROSBY

MILE 38.0 to MILE 52.7

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Inspection Field Report

HNTB Corporation

SECTION: 3 Crosby (Mile 38 To 52.7)

BOX CULVERT

MILE: **41.47** DIRECTION: **NB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **9** 5. Channel - Scour **13**
2. - Settlement **8** 6. - Silt **8**
3. Barrel - Cracks **13** 7. - Drift **9**
4. - Silt **13**

Beaver Brook: 3' of water in barrel. Misalignment of S. WW sections w/ 1" gap at midsection. Minor erosion at bottom of S. WW. Sink hole in ditch line. Spall in south corner of HW

MILE: **41.48** DIRECTION: **SB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **8** 5. Channel - Scour **8**
2. - Settlement **9** 6. - Silt **7**
3. Barrel - Cracks **9** 7. - Drift **9**
4. - Silt **7**

Beaver Brook: No mortar in section joints of either WW's w/ vegetation growth coming through. Minor separation at N. WW. joint. Spall on top of N. WW exposed rebar. Minor erosion behind N. WW. Mortar missing at N. WW-HW joint w/ vegetation growth coming through. Heavy silt.

MILE: **41.55** DIRECTION: **NB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **8** 5. Channel - Scour **8**
2. - Settlement **9** 6. - Silt **8**
3. Barrel - Cracks **13** 7. - Drift **8**
4. - Silt **13**

North Tributary to Beaver Brook. Pieces of grout (20"+/-) missing from HW-S. WW joint. Vegetation in joint N. WW. 1' of silt & 1' of water in barrel. Point bar & debris in channel about 25' from culvert end.

MILE: **41.58** DIRECTION: **SB**
Cell Depth: **8** INSPECTION DATE: **05/03/2016**
Cell No.: **1** INSPECTOR(S): **HME PDB**
Cell Width: **8**
1. Walls - Cracks **8** 5. Channel - Scour **8**
2. - Settlement **9** 6. - Silt **8**
3. Barrel - Cracks **9** 7. - Drift **9**
4. - Silt **8**

North Tributary to Beaver Brook: Mortar at joints on both WWs deteriorating w/ minor vegetation; mortar breaking away at N. JT. Minor spalls in S. & N. WW's. Culvert sags under roadway w/ seepage at midpoint. Silt in barrel.

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Chapter I
Drainage – Pipes

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YORK

MILE 0.3 to MILE 20.0

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 0.6 NB

INSPECTION DATE: 06/04/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 580+50
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Pipe end almost completely buried. Barrel filled w/ silt.

MILE: 0.6 SB

INSPECTION DATE: 06/04/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 580+50
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Spall on top of pipe end w/ exposed reinforcement. Barrel is 1/2 full of water with a significant amount of silty debris.

MILE: 0.8 SB

INSPECTION DATE: 06/03/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 594+00
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Field stone headwall. Scouring at waterline at inlet. Possible seepage at JT's. Steady flow.

MILE: 0.8 NB

INSPECTION DATE: 06/04/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 594+00
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Field stone headwall. Minor spalling on top of pipe w/ exp. reinforcement. Vegetation overhanging top of pipe.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 1.25 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 612+50
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

2" gap at first JT. Spall with exposed rebar at first joint. Inlet w/ steady flow.

MILE: 1.25 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 612+50
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	7		
5. - Silt	7		

Spalling at bottom on N. side of pipe end w/ exp. reinforcement. Cracks extending around inner circumference at pipe rim. Splice bolts at first 2 JT's appear to be in good shape. Outlet w/ steady flow. 9" silt build up with veg growth in pipe.

MILE: 1.6 NB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 633+50
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Outlet spalling at first JT. Debris at midpoint likely from DI in median. Sinkhole upslope of pipe end.

MILE: 1.6 SB

INSPECTION DATE: 06/03/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 633+50
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Slow steady flow into pipe. Oil residue & other minor debris in ditch. No delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 1.7 NB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 639+50
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Moderate spalling on top of pipe at waterline & around rim w/ exp. reinforcement. 1" dropoff at outlet.

MILE: 1.7 SB

INSPECTION DATE: 06/03/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 639+50
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Minor spalls on rim of pipe inlet w/ exp. reinforcement. Minor erosion on N. & S. sides of pipe. Moderate steady flow into pipe. No delineator.

MILE: 1.8 NB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 659+00
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	10	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Outlet has minor spalls on pipe rim w/ exp. reinforcement. Splice bolts at first JT. in good condition.

MILE: 1.8 SB

INSPECTION DATE: 06/03/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 659+00
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Minor spalls around inlet rim w/ exp. reinforcement. Splice bolts at first 2 JT's appear to be in good shape. Truck tire debris in ditch. No delineator.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 2.1 SB

INSPECTION DATE: 06/03/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 659+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Inlet w/ no delineator.

MILE: 2.1 NB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 659+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	6
4. - Settlement	8		
5. - Silt	8		

Outlet to Spruce River has 1' dropoff. Splice bolts at first 2 JT's in good condnion. Crack along bottom of pipe at outlet & minor spall on rim. Erosion on both sides of pipe end. Exp. reinforcement on N. side of pipe.

MILE: 2.5 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 63+50
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Pipe 1/2 full with stagnant water, ditch full of sediment.

MILE: 2.5 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 63+50
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 2.7 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 71+30
Size: 18

1. Headwalls - Cracks 11
2. - Movement 11
3. Barrel - Joints 13
4. - Settlement 13
5. - Silt 5

6. Ditches - Silt 5
7. - Erosion 8

Pipe completely buried.

MILE: 2.7 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 71+30
Size: 18

1. Headwalls - Cracks 11
2. - Movement 11
3. Barrel - Joints 8
4. - Settlement 8
5. - Silt 8

6. Ditches - Silt 7
7. - Erosion 8

MILE: 2.8 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 76+75
Size: 18

1. Headwalls - Cracks 11
2. - Movement 11
3. Barrel - Joints 8
4. - Settlement 8
5. - Silt 8

6. Ditches - Silt 7
7. - Erosion 8

MILE: 2.8 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 76+10
Size: 18

1. Headwalls - Cracks 11
2. - Movement 11
3. Barrel - Joints 13
4. - Settlement 13
5. - Silt 8

6. Ditches - Silt 7
7. - Erosion 8

Could not get access to inspect in pipe.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 3 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 87+50
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

BARREL
3: rust/discoloring around first joint

MILE: 3 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 87+50
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	5		

No delineator. Pipe 3/4 full stagnant water. Due to vegetation could not inspect.

MILE: 3.2 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 98+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

DITCHES
6: Pipe half full of stagnant water.

MILE: 3.2 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 98+50
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe buried, could not locate.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 3.46 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 114+35
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Veg. in ditch. No red delineator.

MILE: 3.49 NB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 116+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

1st joint open 4" with gasket coming out and water leaking in. Minor settlement over pipe. sink holes over pipe.

MILE: 3.55 NB W. side On Ramp

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: CMP Station: 119+00
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

(Pipe inlet end located at Visitor Center on-ramp). Pipe end heavily overgrown with brush. Rust on invert with quarter size holes developing.

MILE: 3.56 NB E. side On Ramp

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: CMP Station: 120+00
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	6
4. - Settlement	8		
5. - Silt	9		

(Located on Visitor Center on-ramp) 36" erosion under pipe. Erosion along pipe (both sides) for approximately 20' from pipe end. Approx. 5' of pipe projecting from side slope.

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SECTION: 1

PIPE CULVERT

MILE: 3.8 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 129+75
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Pipe 1/2 full vegetation, unable to inspect inside.

MILE: 3.87 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 138+00
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

First pipe section is spalled and rebar is exposed; second section spalled in flow path w/ rebar exposed. Mortar missing from first joint. First barrel joint separated 5". Spall w/ rebar exposed at bottom of barrel. No delin. Heavy spalling on top of pipe. Vegetation growing into inlet along streamline.

MILE: 3.88 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 137+00
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	7
4. - Settlement	7		
5. - Silt	9		

(Located midway along infield at weigh station on ramp). Minor erosion along swales. Delineator is down lying in the brook.

MILE: 4.29 NB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1113+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

No red delineator. Minor leaking in some joints. vegetation and erosion at inlet.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 4.34 SB-Next to Weigh Station Sign.

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1115+50
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

(Located 500' up sb weigh station off ramp on west side). Pipe end spalled at entrance. Erosion under outlet of pipe. Silt fence and debris in channel.
No red delineator.

MILE: 4.6 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1122+50
Size: 84"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Smaller pipe about 7 sections in. Rebar exposed @ end of pipe and s side first section. Side slope erosion on N. & S. side of RCP. Spalls forming on top of pipe.

MILE: 4.6 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1122+10
Size: 84"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

(Located at weigh station off ramp 30' north of 30 MPH limit sign.) Joint separated 1" at last pipe section. Spall/Rebar exposed @ bottom of pipe end and at first couple of joints. Minor slope erosion S. of end of pipe. Minor spalling on top of pipe.

MILE: 4.7 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1127+50
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

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Inspection Field Report

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SECTION: 1

PIPE CULVERT

MILE: 4.7 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1127+50
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	5	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

1st pipe joint separated and 2' diameter sinkhole above. No delineator.

MILE: 5.78 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1186+50
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Sinkhole above top of culvert. Erosion at top of pipe N side. 1st joint separated 3" (8' section). Inside of pipe scaled at waterline. 6' dropoff in channel 2' from outlet.

MILE: 5.79 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1186+50
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Rust stains on end of pipe. Minor spalling w/ rebar exposed at end of pipe. Sinkhole at top of pipe. Minor separation at first pipe joint.

MILE: 5.9 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1192+98
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 5.9 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1192+98
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	8		
5. - Silt	6		

1st joint separated 6". Pipe half full stagnant water and debris. No delineator.

MILE: 6 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1199+02
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

BARREL

3: Pipe end spalled with exposed rebar

MILE: 6 NB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1199+02
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

1st joint separate 6". Pipe end spalled with rebar showing.

MILE: 6.1 SB

INSPECTION DATE: 04/15/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1201+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: **6.1 NB**

INSPECTION DATE: **04/15/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1200+90**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Pipe end damaged.

MILE: **6.11 SB**

INSPECTION DATE: **04/15/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1204+15**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: **6.11 NB**

INSPECTION DATE: **04/15/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1204+15**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

No delineator. First joint separated 6" with 2' diameter sinkhole above.

MILE: **6.18 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1207+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

(Located S. of Cider Hill Rd.) Heavy veg. in ditch. Delineator post in front of inlet in ditch.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: **6.18 NB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1207+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Pipe half full of water. Ditch slopes shallow. 2"-3" of silt in pipe.

MILE: **6.19 SB Bridge abutment outlet**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1208+00**
Size: **36"**

1. Headwalls - Cracks	6		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

(Located S. of Cider Hill Rd bridge). Hole in conc. pad. End and top of pad spalled w/rebar exposed. Heavy veg. at hdwl & W. WW. Open joints near outlet end. slope erosion near WW's. headwall spalled barrel invert.

MILE: **6.2 SB Bridge abutment inlet**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **1210+00**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

(Located N. of Cider Hill Rd. bridge). Heavy veg. around pipe end. Bottom of pipe eroded away for about 18" from end of pipe. No red delineator

MILE: **6.4 NB**

INSPECTION DATE: **04/18/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **207+77**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	5	7. - Erosion	6
4. - Settlement	8		
5. - Silt	8		

large sinkhole/erosion above pipe in ditch front slope. 1st joint separated 8" with hole above.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 6.4 SB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: **RCP** Station: **207+77**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	5		

alt station 1209+75. Full of standing water.

BARREL
5: pipe full of standing water

MILE: 6.75 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: **RCP** Station: **238+80**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

(Located after 2nd delineator after the Chase's Pond bridge.) Gasket protruding from first joint. Slight scouring on bottom of barrel.

MILE: 6.79 NB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: **RCP** Station: **240+00**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Mild erosion on inlet slopes.

MILE: 7.44 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: **RCP** Station: **272+50**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Erosion on N. and S. ends of inlet barrel and fore slopes. Pipe size change in barrel. No red delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 7.44 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 272+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Lifting hole not plugged. Minor erosion on either side of pipe. Vertical rust lines inside (south) face of pipe within 1' of end of pipe. 2"-3" of silt at mouth of pipe.

MILE: 8.18 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 311+40
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Minor erosion on south side of pipe end. No red delineator. vegetation in stream @ inlet end.

MILE: 8.19 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 311+40
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

2' drop at end of pipe to ditch.(undermined). No red delineator.

MILE: 8.5 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 330+72
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

First joint separated 2".

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Inspection Field Report

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SECTION: 1

PIPE CULVERT

MILE: **8.6 SB**

INSPECTION DATE: **04/13/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **331+93**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

BARREL

3: pipe end spalled and eroded beneath, hanging.

MILE: **9.1 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **358+00**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

MILE: **9.1 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **357+00**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

MILE: **9.2 NB**

INSPECTION DATE: **04/18/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **364+69**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

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Inspection Field Report

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SECTION: 1

PIPE CULVERT

MILE: 9.3 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 366+06
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

BARREL

3: End spalled, rebar exposed. Last pipe section deflected.

MILE: 9.4 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 375+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Pipe 1/4 full of water. Slight erosion around end of pipe.

MILE: 9.4 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 375+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Pipe 1/2 full of water. The pipe is flowing but is restricted by vegetation in down slope ditch.

MILE: 9.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 387+32
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	7		

No delineator, porcupine in pipe - did not inspect inside.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 9.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 387+32
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

12" tree growing on top of pipe. 1/2 full of standing water.

MILE: 9.8 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 396+34
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 9.9 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 397+60
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	7		

Pipe 1/2 full standing water.

MILE: 10.1 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 410+72
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 10.1 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 410+02
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

No delineator

MILE: 10.3 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 421+86
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

spall with exposed rebar. No delineator. Minor erosion above pipe.

MILE: 10.3 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 421+86
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: 10.4 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 428+80
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Edge is broken off of pipe rim and spalled. Mild erosion of slopes around end of pipe.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 10.5 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 429+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Minor barrel shifting under the original roadway. Minor erosion around the inlet slopes. No red delineator.

MILE: 10.8 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 444+93
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	6		

Pipe buried with sediment & vegetation, plugged.

MILE: 10.8 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 444+93
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 10.9 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 453+17
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 11 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 456+11
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

MILE: 11 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 455+17
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

MILE: 11.01 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 456+11
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Minor erosion at pipe end.

MILE: 11.5 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 485+56
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

No delineator, 3/4 plugged standing water.

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 11.5 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 485+56
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Erosion around and over pipe end. 1st joint separated 8", sinkhole above.

MILE: 11.9 NB Far RT in woods under
Clay Hill Rd

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 506+00
Size: 54"

1. Headwalls - Cracks	5		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Two foot drop off at end of pad. Rebar exposed at face of pad. Tips of WW's deteriorated and broken away w/exposed rebar. Hdwl deteriorated. Hdwl has cracks with eff.

MILE: 12.1 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 509+60
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Ditch inlet riprap is 2' higher than inlet pipe. Erosion above pipe on side slope.No red delineator.

MILE: 12.1 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 518+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

No delineator

BARREL
3: Joints separated 2"

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SECTION: 1

PIPE CULVERT

MILE: 12.1 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 518+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 12.91 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 557+50
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Minor spalls w/ rebar exposed on end and abrasion inside pipe due to scour. 1.5' of stagnant pond water w/ sediment in pipe. 1st jnt separated 2".

MILE: 12.96 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 559+75
Size: 60"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Top of pipe spalled. Inside of pipe spalled w/rebar exposed. End of pipe heavily spalled w/ rebar showing.

MILE: 13 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 561+80
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	6		

95% full of water. chips in tip of barrel. no delineator.

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SECTION: 1

PIPE CULVERT

MILE: 13.05 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 563+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

End of pipe is spalled w/rs. Barrel 1/3 full with silt and veg. Rebar exposed. Lift hole not plugged. No red delineator. Pipe & ditch 1/2 full of standing water.

MILE: 13.4 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 583+67
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	8		

Pipe 3/4 full standing water.

MILE: 13.4 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 583+67
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Pipe buried and completely flooded.

MILE: 13.5 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 590+20
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

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SECTION: 1

PIPE CULVERT

MILE: 13.5 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 590+20
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	7		

Spall with exposed rebar. Pipe half full of standing water/silt.

MILE: 13.6 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 593+69
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	7		

MILE: 13.6 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 593+69
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

MILE: 13.61 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 596+69
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 13.61 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 596+65

Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

10" soil buildup blocking pipe end.

MILE: 13.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 602+23

Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

MILE: 13.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 602+23

Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 13.8 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 605+47

Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 13.8 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 605+47
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

MILE: 13.9 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 611+64
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Pipe half full of standing water

DITCHES

6: Ditch full of vegetation and debris

MILE: 13.9 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 611+57
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	7		

Riprap covers 1/2 of pipe opening.

MILE: 14.1 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 618+00
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

delineator broken

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HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 14.2 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 629+13
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: 14.2 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 618+00
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Minor chips on pipe end.

MILE: 14.2 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 629+15
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

Pipe half full of stagnant water, ditch vegetation/debris

MILE: 14.7 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 650+00
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Minor settlement. Pipe shifted about 12" north under original roadway. Substantial erosion around pipe inlet. Barrel is 1/3 full of water. No red delineator.

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HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 14.7 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 650+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

3/4 full of water. 1/4 rocks and silt. Wetlands downstream. Erosion of slopes on N side of outlet. No red delineator.

MILE: 14.8 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 659+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Leaves in culvert. (not currently an issue)

MILE: 14.8 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 659+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Erosion on slope above pipe. Riprap blocking 1/2 pipe opening, debris blocking up inside pipe.

MILE: 15.6 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 693+11
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

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SECTION: 1

PIPE CULVERT

MILE: 15.6 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 693+79
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Vegetation at inlet, 1/4 depth.

MILE: 15.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 697+79
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 15.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 698+48
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 15.8 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 702+20
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 15.8 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 700+93
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	7		

No delineator. Minor slope erosion above pipe. Pipe half full of slow moving water, silt and debris.

MILE: 16.3 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 731+75
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Mower ruts in ditch

MILE: 16.3 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 731+75
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Pipe 1/2 full of standing water. No delineator.

MILE: 16.4 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 735+26
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	5
4. - Settlement	13		
5. - Silt	5		

Slope erosion above pipe. Pipe completely buried under slope, not visible.

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Inspection Field Report

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SECTION: 1

PIPE CULVERT

MILE: 16.4 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 736+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: 16.6 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 748+02
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 16.6 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 748+72
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	5		

Pipe completely buried and backedup/clogged.

MILE: 16.7 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 755+60
Size: 72"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Stevens River. Mortar missing from some joints. Section 2 and 3 have minor flow line scours. Tree (10" Dia.) is down at inlet w/ other debris build up.

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SECTION: 1

PIPE CULVERT

MILE: 16.7 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 755+50
Size: 72"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

End section has minor spall. Minor spalling and cracking of inside surface of pipe about 1 foot from end of pipe at bottom. 1 ft drop into ditch below end of pipe.

MILE: 16.9 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 761+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	6		

Pipe 3/4 full of standing water.

MILE: 16.9 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 762+33
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 17.5 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 792+95
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

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SECTION: 1

PIPE CULVERT

MILE: 17.5 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 792+97
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: 17.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 804+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 17.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 804+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 17.8 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 812+45
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Riprap and vegetation at pipe end constricting 1/3 opening.

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SECTION: 1

PIPE CULVERT

MILE: 17.8 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 812+45
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	7		

Pipe half full of standing water.

MILE: 18.2 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 829+44
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Vegetation constricting 1/2 pipe opening.

MILE: 18.2 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 829+44
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Inlet half clogged with leaves

MILE: 18.4 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 839+40
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	8		

Pipe 2/3 full standing water.

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SECTION: 1

PIPE CULVERT

MILE: 18.4 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 839+40
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

MILE: 18.45 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 842+96
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 18.45 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 842+95
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 18.5 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 844+42
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

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Inspection Field Report

HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 18.5 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 844+42
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 18.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 854+80
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: 18.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 856+27
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

No delineator.

MILE: 18.9 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 866+89
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	7		

No delineator

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SECTION: 1

PIPE CULVERT

MILE: 18.9 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 866+89
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

No delineator.

MILE: 19.3 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 887+92
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Pipe 3/4 full of standing water.

MILE: 19.5 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 901+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

MILE: 19.5 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 901+60
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Vegetation around inlet.

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HNTB Corporation

SECTION: 1

PIPE CULVERT

MILE: 19.6 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 903+85
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Vegetation growth at inlet, no delineator.

MILE: 19.6 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 903+85
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 19.7 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 906+60
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Inlet pipe piece slightly misaligned, with joints starting to gap 2"

MILE: 19.7 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 906+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

No red delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: 20 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 926+17
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: 20 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 926+17
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	5		

Pipe 2/3 full sediment.

MILE: 20.3 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 940+34
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Del. down

MILE: 20.3 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 940+34
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Pipe 1/2 full standing water.

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SECTION: 2

PIPE CULVERT

MILE: 20.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 961+35
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	7		
5. - Silt	8		

Bush growing in inlet.

MILE: 20.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 961+35
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	5		

Pipe under standing water.

MILE: 20.7 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 957+00
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

Blacksmith Brook: Pipe is 1/3 full of water & heavy sedimentation. Pipe end spalled in several places. Spall w/rebar exposed on N. side of pipe. No delin. First joint seperated 2".

MILE: 20.7 SB

INSPECTION DATE: 05/02/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 957+01
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

Blacksmith Brook: Fourth section in barrel measures 66". Check dams in good condition. Rebar exposed @ pipe end and at pipe lift points. Pipe end cut off not cast (4' long).

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: 20.8 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 965+35
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

Tributary to Blacksmith Brook: Pipe 1/4 full of water and approx. 5" of silt and several rip-rap stones. Lip of barrel chipped all around perimeter w/ rebar exposed at rim. Shallow ditches.

MILE: 20.8 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 965+35
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

Tributary to Blacksmith Brook: Point bar at N. channel. Chips and spalls inlet end of barrel with rebar exposed. Estimated 6" of silt in bottom of pipe at pipe end.

MILE: 21.2 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 986+84
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	6		

Pipe 1/2 full standing water. Slope erosion above pipe.

MILE: 21.2 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 986+84
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Pipe half full.

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SECTION: 2

PIPE CULVERT

MILE: **21.3 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **992+75**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Minor chips at pipe lip.

MILE: **21.3 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **992+75**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

can not see thru pipe. delin down.

MILE: **22 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1032+84**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

End of barrel spalled and chipped. Minor pipe settlement under original roadway. 6" of silt in pipe. Pipe 1/4 full of water, due to built up vegetation downstream. no Red delineator

MILE: **22 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1032+84**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Heavy vegetation in rock at inlet apron.

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SECTION: 2

PIPE CULVERT

MILE: 22.2 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1043+32
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Stagnant water at inlet, 3/4 full.

MILE: 22.2 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1043+32
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	6		

Pipe 2/3 full standing water.

MILE: 22.3 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1046+32
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Pipe gaskets falling out.

MILE: 22.3 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1046+32
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	8		

Joints seperated. Gasket hanging.

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: **22.9 NB**

INSPECTION DATE: **05/03/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1077+94**
Size: **60"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

Pipe end spalled. Gap in first JT w/debris buildup. Sag in pipe run at midpoint of roadway.

MILE: **22.9 SB**

INSPECTION DATE: **05/02/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1077+94**
Size: **60"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	7		
5. - Silt	9		

First barrel section movement of 2". 10" drop & undermining beneath inlet. Pipe end is cut off not cast (4' long) w/ exposed reinforcement around full circumference. Mortar breaking off of pipe end. Delin. down.

MILE: **23.6 NB**

INSPECTION DATE: **05/03/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1113+80**
Size: **78"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

Day Brook: Rebar exposed at lift holes. Minor spalls on N. side of pipe rim. 5" of sediment build up in pipe.

MILE: **23.6 SB**

INSPECTION DATE: **05/02/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1113+80**
Size: **78"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

Day Brook: Minor pipe sag under original roadway. Minor spalls w/ exposed reinforcement inside top of first 3 pipe sections. Outside joint between 1st and 2nd sections was not sealed (1" wide). Pipe reduces to 72" dia. about 4 sections in. 3" silt and 15"-18" of water in the pipe. Channel erosion upstream from pipe.

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SECTION: 2

PIPE CULVERT

MILE: 23.7 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1117+49
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	6		

No delineator. Pipe 1/2 full standing water and silt.

MILE: 23.7 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1118+16
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	7
4. - Settlement	9		
5. - Silt	9		

Vegetation @ inlet. Bush growing on top of pipe.

MILE: 23.9 SB

INSPECTION DATE: 04/13/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1126+26
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Inlet vegetation buildup about 6".

MILE: 23.9 NB

INSPECTION DATE: 04/18/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1126+27
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	6		

Pipe 2/3 full standing water and sediment.

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SECTION: 2

PIPE CULVERT

MILE: **23.95 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1129+70**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Rebar exposed in roof of pipe near lift hole. Joint leakage at first two joints, open 3".

MILE: **23.95 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1130+00**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Vegetation & debris in ditch. 2" separation in 1st jnt.

MILE: **24 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1134+20**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	5	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Spall at 1st joint inside of pipe. Ninth joint from west severe leak approximately 50 feet in from inlet end, upper north side of pipe.

MILE: **24.1 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1134+20**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

some vegetation in ditch.

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SECTION: 2

PIPE CULVERT

MILE: **24.6 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1157+95**

Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

90% downstream channel blocked by riprap. 8" dia. spall on pipe ceiling first section. no delin.

MILE: **24.6 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1157+95**

Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Minor pipe sag and shift under original roadway. Debris in channel of stream.

MILE: **28.6 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1369+75**

Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

MILE: **28.6 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1369+75**

Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	7		
5. - Silt	8		

Pipe invert spalled. minor silt in pipe. 1st jnt 3" apart.

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SECTION: 2

PIPE CULVERT

MILE: **28.8 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1381+20**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

Pipe is 1/2 full of water.

MILE: **28.8 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1381+40**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	8		

Pipe almost full of water (outlet). Some silt in bottom of pipe.

MILE: **29.5 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1416+60**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Riprap around pipe end and along ditch outlet. Moderate scaling on top of outlet band end.

MILE: **29.5 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1417+00**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

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SECTION: 2

PIPE CULVERT

MILE: 30.44 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1470+25
Size: 72"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Settlement in 2 & 3 sections under old roadway. Spall at pipe JT under old roadway causing flow interruption. Mortar falling out of 1st joint.

MILE: 30.47 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1470+50
Size: 72"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: 30.6 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1477+80
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Water is approximately 10" to 12" above the top of barrel. No red delineator. Outlet stagnant

MILE: 30.6 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1477+80
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

Pipe 1/2 full of water. Rip rap dam at inlet becoming over grown. Unable to see thru the pipe.

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SECTION: 2

PIPE CULVERT

MILE: **30.95 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1492+00**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Pipe is 1/2 full with silt (murky water).

MILE: **30.95 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1492+50**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Riprap around pipe end and along ditches. Slight sag in barrel.

MILE: **31.9 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1544+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

(Located near exit 32 off-ramp (2nd light)). Minor spall/chip on pipe outlet end. Pipe 1/2 full of water.

MILE: **31.9 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1544+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

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SECTION: 2

PIPE CULVERT

MILE: **32.7 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1585+90**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

1/4 fill water and 3" of silt. Silt, veg. and rock at outlet end of pipe. Riprap around pipe end and along ditch.

MILE: **32.7 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1585+60**
Size: **54"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: **33.32 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1621+15**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

MILE: **33.32 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1621+15**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	9		
5. - Silt	8		

Pipe 1/2 full of water and 1/4 full of silt.

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SECTION: 2

PIPE CULVERT

MILE: **33.81 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **HDPE** Station: **1645+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Existing RCP has been extended w/ 2 forty foot sections of HDPE & riprap on slope and ditch.no delin

MILE: **33.9 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1647+00**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Minor pipe sag under original roadway. Sink holes above pipe.

MILE: **34.05 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1655+50**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Slight settlement midway in pipe w/some ponded water due to slope change in pipe.

MILE: **34.05 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1656+00**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Gasket coming out of first joint. Vertical displacement 4 sections in. at concrete collar. Damage to slope above pipe due to grass cutting operations. several sink holes above pipe and Some slope erosion, top and to south of inlet end. delin damaged.

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: 34.9 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1699+50
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Chips at end of barrel exposing rebar. Pipe located east of "Hotel & Conf. Ctr." sign, off the ramp rt shlder. small sinkholes above pipe. gasket coming out of 1st jnt.

MILE: 34.9 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1699+60
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Pipe 90 to 95% filled with water. Located in wetland.

MILE: 35.2 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1712+25
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Wetland vegetation in ditch.

MILE: 35.2 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1712+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

(Located at bottom of Hotel & Conf. Ctr. on-ramp.)

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: 35.5 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1731+60
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Rock dam at end of barrel in good condition. Slight sag in pipe.

MILE: 35.6 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1731+75
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

(MM should be 35.5, pipe is located at beginning of Exit 36 off ramp.) Pipe 1/2 filled with water and 4" of silt. Large marsh at end of pipe.

MILE: 35.62 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1739+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

(Located just beyond Exit 36 off ramp.
) 4" of silt in barrel.

MILE: 35.62 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1739+50
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Pipe size changes 3 sections in. Sections kink to the north under the roadway. Riprap around pipe end and along ditch and some at inlet end. Minor chips and spalls in inlet end of concrete.

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: **35.8 SB**

INSPECTION DATE: **04/28/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1750+30**
Size: **78"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Goosefare Brook: Spalling w/ rebar exposed at top of Inlet edge. 1st joint separated 3"

MILE: **35.8 NB**

INSPECTION DATE: **05/03/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **1750+25**
Size: **78"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Goosefare Brook: Approximately 1 foot of silt in barrel. Large spall in lower right of first joint, rebar exposed. Minor spalls on pipe rim.

MILE: **36.2 NB**

INSPECTION DATE: **05/06/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1770+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	9		
5. - Silt	6		

Outlet to pipe 1/2 full of water and silt.

MILE: **36.2 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1770+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Riprap around pipe end and on adjacent slope to the north.

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: **36.3 NB**

INSPECTION DATE: **05/06/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1778+10**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Heavy silt at outlet and pipe 1/2 full of silt. Slope behind and around pipe settled. The end of pipe has minor chipping. Flat outlet and ditch line with over 1 foot of stagnant water.

MILE: **36.3 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1778+10**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Minor deflection to N. half way thru pipe. Riprap around pipe end and along ditch.

MILE: **36.4 NB**

INSPECTION DATE: **05/06/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1783+35**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	6		

Pipe is 1/2 full of silt and water. Minor chip/spall on end of pipe. Heavy vegetation at outlet and ditch.

MILE: **36.4 SB**

INSPECTION DATE: **05/08/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **1783+35**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

1' chip in end conc. barrel. Rebar exposed. Movement in barrel approx 1' N. half way thru barrel. Riprap around pipe end and along ditch. 1st jnt open 2".

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Inspection Field Report

HNTB Corporation

SECTION: 2

PIPE CULVERT

MILE: 37.1 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP

Station: 1816+50

Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

Rock dam around end of pipe. Spalling on end of pipe inlet end. The pipe is flowing 1/3 full. Roof of second barrel spalling and moist

.

MILE: 37.1 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP

Station: 1815+40

Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	7		

Pipe is 1/2 full of water and 1/4 full silt. Side slope behind pipe eroded. Wetland outlet control. Heavy vegetation

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 38.3 SB

INSPECTION DATE: 05/08/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1880+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

RCP chipped and spalled at end. Rocks in channel, one third up in inlet. Erosion south side pipe.

MILE: 38.4 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1881+10
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Pipe 1/2 full of water and silt. Veg and silt downstream restricts flow.

MILE: 38.96 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: ACCMP Station: 1911+25
Size: 84"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

84" pipe installed in 8'x8' box culvert. Vertical cracks in concrete lining at flow line in barrel with rust staining. Elevated drift on N. bank. Pine tree on S. bank.

MILE: 38.96 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: ACCMP Station: 1911+25
Size: 84"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

84" pipe installed in 8'x8' box culvert. Minor erosion on North and South side above pipe. Major drift blocking inlet. 1" drop at inlet undermining pipe. Delineator knocked over.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 39.44 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1935+00
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Standing water. Small chips and spalling at inlet. Silt & veg at end of pipe.

MILE: 39.44 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1935+05
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	6		

Pipe 1/2 full of water. Minor spall on top of pipe. 10" of silt and vegetation in barrel. Vegetation in channel.

MILE: 39.7 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1950+45
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Minor spalling at bottom of inlet barrel.

MILE: 39.8 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1950+50
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Minor chips at barrel outlet w/rebar exposed. 2" of leaves and debris in barrel. Vegetation in ditch.

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SECTION: 3

PIPE CULVERT

MILE: 40.3 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1989+20
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

One 8 foot long section of 84" pipe before pipe size reduces to 78". Joints in 78" pipe losing mortar, open and moist. minor spall on top of pipe

MILE: 40.3 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 1989+00
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

1st joint opening up & flange cracked. ROW fence catching drift. Riprap is partially blocking inlet due to tumbling from steep slope above.

MILE: 40.4 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1995+22
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	7		
5. - Silt	5		

Pipe 1/2 silt, end of pipe spalled with rebar exposed.

MILE: 40.4 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 1994+10
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Rip Rap around pipe end and along ditch. unable to see thru the pipe.

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Inspection Field Report

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SECTION: 3

PIPE CULVERT

MILE: 40.6 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2004+00
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

First joint w/mortar falling out and leaking. End of pipe has minor chips w/rebar exposed. Riprap rocks in front of inlet. Extended sections at slight angle from original sections.

MILE: 40.6 SB

INSPECTION DATE: 01/01/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2004+00
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

First joint w/mortar falling out and leaking. End of pipe has minor chips w/rebar exposed. Riprap rocks in front of inlet. Extended sections at slight angle from original sections.

MILE: 40.65 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2005+20
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Sink hole over 12" pipe on slope to the south, last section of pipe dislocated. End of pipe chipped and spalled. Pipe bends to the S 2/3 of the way in.

MILE: 41 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 2018+95
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	7		
5. - Silt	8		

Pipe sags 20% under the original roadway. Gravel berm above with black PVC downspout. Erosion of slope above pipe, just beyond black PVC pipe. Minor separation between sections 3 and 4.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: **41.1 NB**

INSPECTION DATE: **05/03/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **2018+90**
Size: **78"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	7		
5. - Silt	9		

2 ft full of water. Pipe settled 1-2 ft under the original roadway w/ possible misalignment at midpoint. Pipe end measures 84" decreases to 78" after 3 sections in.

MILE: **41.3 SB**

INSPECTION DATE: **05/06/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2028+30**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	7		
5. - Silt	7		

MILE: **41.3 NB**

INSPECTION DATE: **05/06/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2028+30**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	8		

Pipe 2/3 full of water. 10" of silt in barrel.

MILE: **41.6 SB**

INSPECTION DATE: **05/06/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2050+75**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Pipe 3/4 full, 1 ft min. of silt.

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SECTION: 3

PIPE CULVERT

MILE: 41.6 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2051+90
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	13		
5. - Silt	9		

erosion/sink hole @ top of pipe 1st jnt, 1st barrel section separated. unable to see thru pipe.

MILE: 42.2 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: Station: 2078+15
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

no delineator.

MILE: 42.2 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: Station: 2078+20
Size: 48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

MILE: 43 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2122+75
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

Pipe under Holmes Rd (North side outlet end). Riprap around pipe end. No red delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 43 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2121+30
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Pipe under Holmes Rd (South side inlet end). Chip in barrel top. No red delineator.

MILE: 43.1 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2121+30
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

MILE: 43.1 NB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: Station: 2121+30
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

MILE: 45.6 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2263+40
Size: 36"

1. Headwalls - Cracks	6		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

Ends of both WWs deteriorating w/ rebar exposed. Spall on SE and NE corner of pipe w/ rebar exposed. 1' drop off at end of concrete pad. Headwall spalling. Heavy veg growth.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 45.6 SB

INSPECTION DATE: 05/06/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2263+30
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	6
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

(MM should be 45.75.) Heavy silt & veg flow line. Headwall deteriorated at flow line. No guardrail (8' from eop of pavement to hdwl). Heavy wetland vegetation upstream. Will flow much better when veg is cleared.

MILE: 45.9 NB

INSPECTION DATE: 05/03/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 2272+75
Size: 78"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	13
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Erosion behind N. WW due to a 12" CMP pipe which outlets directly behind N. WW. Barrel 1/2 full of water. Minor erosion south of WW. Minor spalling on headwall and N. WW at water line, spall on S. end of HW w/ exp. rebar. Mortar falling out of joints. Tree growth in front of outlet.

MILE: 45.9 SB

INSPECTION DATE: 05/27/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 2272+75
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Minor spall on top of barrel w/rebar exposed. Fourth to seventh pipe sections misaligned at JT's. Fourth JT offset by 4-5".

MILE: 45.9 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 2272+75
Size: 78"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

Minor spall on top of barrel w/rebar exposed. Fourth to seventh pipe sections misaligned at JT's. Fourth JT offset by 4-5".

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 48.4 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: CMP Station: 2412+72
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

(Exit 48 slope protection pipe, south, HDPE installed 2012).

MILE: 48.4 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: CMP Station: 2413+60
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MM should be 48.41, (Exit 48 slope protection pipe, north, HDPE installed 2012).

MILE: 48.9 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 2420+80
Size: 60"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	7		

(Approx. MM 48.7) Minor spalling on headwall at flow line and SE corner of barrel. 6" of silt in pipe barrel. Spalling at ends of both wingwalls. Silt build up against both WWs & embankment cantilevered over N. wingwall. Silt fence above has collapsed. No delineator.

MILE: 48.9 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 2420+00
Size: 60"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	9		
5. - Silt	9		

Moderate to severe erosion behind N. WW. Silt and vegetation in front of S. WW (point bar). Moderate to heavy spalling on HW, barrel and WW's at flow line & top of pipe. Heavy silt on southern half conc. pad. Tree hanging over inlet. Tip of N. WW deteriorated and scoured at flowline with re-bar exposed. Needs riprap at N. WW. Top of pipe spalled, rebar showing on first section.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 49.8 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2476+00
Size: 54"

1. Headwalls - Cracks	6		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Wingwall's ends are severely deteriorating and crumbled. Hdwl spalling, w/rs and re-bar exposed. Erosion behind S. WWs. Lower half of joints are deteriorated in barrel inlet. no delin.

MILE: 49.8 SB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2476+00
Size: 54"

1. Headwalls - Cracks	5		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Hdwl & WWs concrete 60% deteriorated. Rebar exposed. Minor silt in pipe. No red delineator.

MILE: 49.9 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2485+00
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Inlet covered with earthen material. Stagnant water at inland.

MILE: 49.9 sb

INSPECTION DATE: 05/16/2014

INSPECTOR(S): TH CAH

Type: RCP Station: 2485+00
Size: 18

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: **50.4 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2507+78**
Size: **42"**

1. Headwalls - Cracks	8	6. Ditches - Silt	7
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	7		

(Located across From SB green University sign.) Pipe 1/4 full of water. Approximately 6" of silt in pipe barrel. No red delineator. 10" tree down across ditch 50' from outlet

MILE: **50.4 SB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2507+40**
Size: **42"**

1. Headwalls - Cracks	8	6. Ditches - Silt	7
2. - Movement	9	7. - Erosion	6
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

(Located 100' south of green University sign.) Mortar gone from joint. Silt build up on concrete pad. Debris in ditch. Erosion behind N WW. Erosion and deterioration at ends of both N. and S. WWs. Debris in channel blocking inlet. Incoming channel 45 degrees to inlet. No red delineator.

MILE: **51 nb**

INSPECTION DATE: **05/15/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **2541+90**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	6
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

End separated from barrel. Major rot at end of pipe up to spring line. pipe visible but not inspectable, undermined.

MILE: **51 sb**

INSPECTION DATE: **05/16/2014**

INSPECTOR(S): **TH CAH**

Type: **RCP** Station: **2541+90**
Size: **24**

1. Headwalls - Cracks	13	6. Ditches - Silt	7
2. - Movement	13	7. - Erosion	5
3. Barrel - Joints	7		
4. - Settlement	7		
5. - Silt	7		

CMP 3/4 full buried in rip-rap. Erosion of bank 10' from outlet. No delin.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 51.1 sb

INSPECTION DATE: 05/16/2014

INSPECTOR(S): TH CAH

Type: RCP Station: 2549+50
Size: 18

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	6
4. - Settlement	13		
5. - Silt	13		

95% full of silt. Under downed tree. Drains into wetland. No delineator.

MILE: 51.1 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2549+50
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	6		
5. - Silt	6		

Inlet rotted out. Flared inlet gone. Very dark.

MILE: 51.1 SB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2544+50
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Bank scour downstream of outlet. No red delineator.

MILE: 51.1 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2544+50
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

2nd section settled, jnt opened 6". No red delineator. Apron is spalled and scaled.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: 51.3 sb

INSPECTION DATE: 06/25/2014

INSPECTOR(S): HME MHP

Type: RCP

Station: 2557+25

Size: 24

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

MILE: 51.3 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP

Station: 2557+25

Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Inlet rusted. Pipe location is overlaid with the interchange pipes.

MILE: 51.6 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: RCP

Station: 2573+50

Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	6
4. - Settlement	8		
5. - Silt	9		

(Pipe end is located just south of the Falmouth Spur Underpass abutment. Inlet, flow heads north) 1st few jnts 3" separation w/ exposed bar. Minor deterioration on the W WW end. Coating in between jts has eroded on inlet. Sink hole at top of hdwl., with erosion. All ditches upstream eroded. Scour behind E WW

MILE: 51.65 NB

INSPECTION DATE: 05/10/2013

INSPECTOR(S): HME TH

Type: CMP

Station: 2576+50

Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	5	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

(Pipe end is located just north of the Falmouth Spur Bridge abutment. Outlet) Pad is full of silt. Old erosion/settlement behind WWs & hdwl. Approximately 8" of silt in pipe barrel at apparent joint shift. Sinkhole 5' dia. at top of slope at same location.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: **51.77 NB**

INSPECTION DATE: **05/10/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2577+00**
Size: **42"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Hdwl spalling at flow line, reinforcing steel beginning to show. 1st, 2nd and 3rd joints have 6" separation. Sinkhole above hdwl. Conc. pad covered with silt & veg. approximately 1' high.

MILE: **51.77 SB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2577+40**
Size: **42"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

(The pipe is 300' south of Spur gore sign, hidden in bamboo growth.) Third section in is 3" separation. No red delineator.

MILE: **52.5 NB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2621+40**
Size: **36"**

1. Headwalls - Cracks	4		
2. - Movement	4	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

(Located 50' south of Leighton Road Underpass.) Hdwl & WWs completely deteriorated. Point bars in d/s ditch. Barrel 1/4 full of silt. No red delineator.

MILE: **52.62 SB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **2621+45**
Size: **36"**

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

(Inlet under Leighton Road Undepass.) Rocks and silt on apron. Erosion of side slopes above headwall. No red delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 3

PIPE CULVERT

MILE: **52.64 SB-Slope Backslope Inlet**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **2621+45**
Size: **36"**

1. Headwalls - Cracks	8	6. Ditches - Silt	9
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	8		
5. - Silt	9		

(Located north of Leighton Road bridge at ROW fence at top of back slope). Bottom of pipe starting to get holes. Top of pipe sagging, about 1/2 way down. No red delineator.

MILE: **52.64 SB-Slope Backslope Outlet**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **2621+45**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	7
3. Barrel - Joints	11		
4. - Settlement	8		
5. - Silt	8		

End & invert of pipe (18") rotting off. Riprap blocking 1/4 outlet and filling ditch. No red delineator. flow diverted before outlet - thru deteriorations in pipe invert.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: 52.8 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2637+00
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	6
4. - Settlement	8		
5. - Silt	6		

Erosion from pipe and adjacent ditches. Pipe half full of sediment. Can see through to other side.

MILE: 52.8 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2637+00
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	6		

Should be station 2637+25. Slope clearing contract damage. Major debris in inlet. Inlet apron off and damaged.

MILE: 53 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2645+15
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

MILE: 53 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2645+75
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Slope clearing contract damage. Debris in inlet.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: 53.1 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP

Station: 2654+80

Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Should be mile marker 53.11. Slope clearing project. Some slope erosion up top.

MILE: 53.1 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP

Station: 2652+65

Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	6		

Inlet separated from pipe uplifted by 1' (rusting away). some slope sloughing above pipe. Slope clearing project. pipe 1/3 full of silt.

MILE: 53.1 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP

Station: 2652+00

Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	7		
5. - Silt	5		

pipe 1/3 to 1/2 full of silt. Big sag but can see to the other end. Large sinkhole upslope from pipe.

MILE: 53.1 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP

Station: 2650+60

Size: 54"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Conc. missing from pipe at flow line at outlet. Tree stump at end of conc. pad. 1' drop from conc. pad to stream bottom. No red delineator.

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SECTION: 4

PIPE CULVERT

MILE: **53.1 nb**

INSPECTION DATE: **05/12/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP**

Station: **2654+50**

Size: **30**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	7		
5. - Silt	8		

Should be mile marker 53.11

MILE: **53.2 SB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP**

Station: **2650+70**

Size: **54"**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

Many rocks & silt on pad & ditch. Veg. growing down over hdwl & WWs. Barrel spalled at inlet. Small amount of exposed re-steel at barrel inlet. Point bar covering 1/3 of inlet. Erosion behind S. WW. Normal crack/spall at hdwl/pipe interface. No red delineator.

MILE: **53.5 NB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **RCP**

Station: **2669+00**

Size: **72"**

1. Headwalls - Cracks	8	6. Ditches - Silt	9
2. - Movement	9	7. - Erosion	7
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

Minor depression on both sides and vegetation (4" trees) top of headwall. 18-24" drop at end of concrete pad. Erosion on north side of plunge pond. Some scaling and spalling on concrete apron. Moderate spalling on HW. (2) 6" diam. holes in apron. Spalling @ 3rd section at flow line.

MILE: **53.5 SB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **RCP**

Station: **2669+00**

Size: **72"**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	8	7. - Erosion	6
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	9		

Erosion behind N. & S. WW. Tree growing in ditch. Joint sealer missing in spots and exposed rebar at pipe connection to HW. Conc. scouring at flow line. Second section slightly settled. One foot of gravel and stones on inlet apron. Moderate to heavy Erosion at S. wingwall caused by side ditch with Moderate erosion above/behind headwall at south side.

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SECTION: 4

PIPE CULVERT

MILE: 53.6 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2680+20
Size: 24

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Should be station 2687+75. Pipe 2/3 full of silt. Water flowing ok.

MILE: 53.6 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2679+60
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	6		

Pipe end rotted out. 1/2 full of silt. Slope clearing project.

MILE: 53.8 NB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2688+30
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	7	6. Ditches - Silt	4
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	13		

Pipe 95% full of water. Sink holes at HDWL. Heavy silt at the outlet and 1/3 of the pipe is silted up. Possible last section separation causing sinkhole. No red delineator.

MILE: 53.9 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2688+30
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Settlement in joint 1 & 2. granular build up on inlet- heavy growth. Exposed rebar at end of barrel. Ditch 2/3 full of silt. Pipe empty. Riprap around pipe end covered w/ grass. No red delineator.

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SECTION: 4

PIPE CULVERT

MILE: **54 nb**

INSPECTION DATE: **05/12/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **2695+15**
Size: **30**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Pipe 1/2 full of silt. Silt build up immediately down stream.

MILE: **54 sb**

INSPECTION DATE: **05/15/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **2695+75**
Size: **30**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Some silt build up due to wood blockage. Slope clearing project.

MILE: **54.1 nb**

INSPECTION DATE: **05/12/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **2697+25**
Size: **30**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	7		
5. - Silt	6		

Flow line rotted out. Full of rocks & debris. Flared end off and about 6' downstream.

MILE: **54.1 sb**

INSPECTION DATE: **05/15/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **2698+50**
Size: **30**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	7
4. - Settlement	9		
5. - Silt	9		

Some slope erosion on north side of pipe

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SECTION: 4

PIPE CULVERT

MILE: 54.2 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2704+00
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	7		
5. - Silt	6		

pipe is 1/2 to 2/3 full of silt. Can see to other end.

MILE: 54.2 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2704+00
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Slope clearing project left a mess.

MILE: 54.4 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2717+45
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Spalls on ends of both WWs. 3' + drop at end of conc. pad to ditch. 8 ft Splash pad is undermined approx. 3 feet under the pad. Minor erosion behind both WWs. Concrete eroded at flow line.

MILE: 54.4 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2717+44
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	9		
5. - Silt	9		

Spalling on S. WW. Pt. bar on half of concrete pad. Alder tree growing. 1" separation btw 1 and 2 joint. Rebar showing at HDWL and barrel. Stream running behind N. WW.

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SECTION: 4

PIPE CULVERT

MILE: 54.8 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2732+75
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	7		
5. - Silt	8		

Can't see other end. Ditches destroyed from slope clearing contract.

MILE: 54.8 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2733+75
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

Can't see to other end.

MILE: 54.9 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2736+50
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Erosion on all slope above pipe (rip-rapped)

MILE: 54.9 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2736+50
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	7	7. - Erosion	6
4. - Settlement	8		
5. - Silt	8		

Rusted out invert. Ditch area destroyed from slope clearing contract.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: 55 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2744+60
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

Should be mile marker 55.05. Black ADS pipe extension to RCP. RCP in great shape. Slope repairs done.

MILE: 55 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2749+25
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	9		
5. - Silt	9		

The last joint has a minor opening. No red delineator.

MILE: 55 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2744+60
Size: 30

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Should be mile marker 55.05. Heavy debris in inlet from clearing contract.

MILE: 55 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2749+25
Size: 36"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	8
3. Barrel - Joints	9	7. - Erosion	5
4. - Settlement	9		
5. - Silt	9		

Drift, point bar & debris need to be cleaned from inlet. completely eroded behind S WW. Flow behind S. WW due to erosion. Pipe inlet end 50% clogged by piece of (8") timber. Conc. pad undermined approximately 12". No red delineator.

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SECTION: 4

PIPE CULVERT

MILE: 55 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2740+80
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	13		

Pipe covered with debris from slope clearing contract. Water bubbling through.

MILE: 55 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2740+80
Size: 30

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

MILE: 55.2 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2755+35
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

Sinkhole behind headwall. First joint has minor separation. Inlet apron and inlet swale full of debris and vegetation.

MILE: 55.2 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2755+35
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Water in pipe 1/10 full. 18" dead tree in laying channel. debris in ditch. Many down tree's in ditch & on slope. Minor surface both S. WW.

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SECTION: 4

PIPE CULVERT

MILE: 55.8 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): CAH GAB

Type: RCP Station: 2786+60
Size: 30

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Could not find end.

MILE: 55.8 nb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2786+50
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

MILE: 56.2 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: CMP Station: 2811+50
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Heavy veg. covering riprap around pipe end.

MILE: 56.2 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: CMP Station: 2812+30
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Flow line of pipe is eroded for 4' at inlet. Minor erosion around both sides of pipe, undermining. Extended/CMP. Asphalt coating deteriorated. Flow is going under the barrel.

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SECTION: 4

PIPE CULVERT

MILE: 56.4 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2819+50
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	7		
5. - Silt	8		

Rotted invert up 10'-12', sag.

MILE: 56.4 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2819+50
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	6		

1/3 full of silt. Can see light at both ends. End section rotted away. erosion sock clogging inlet.

MILE: 57 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2857+35
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	7		
5. - Silt	7		

Erosion behind N. WW & headwall. Spall of hdwl at bottom outlet. Pipe is sagging under the embankment. At joint 1 & 2 there is spalling and exposed rebar. 6" of silt in pipe barrel. No red delineator.

MILE: 57 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 2857+35
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	6		
5. - Silt	9		

S WW eroded severely. Point bar on 1/4 of pad. Center of pipe has settled with ponding in bottom of pipe and possible exfiltration. Bottom of 1st segment of pipe is starting to erode. apron covered with silt.

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SECTION: 4

PIPE CULVERT

MILE: 57.1 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 2860+00
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	7		
5. - Silt	6		

Silt on pad and inside the pipe 1/3 full. Erosion behind N. wingwall. Pipe appears to sag. Woody debris across ditch & inside pipe.

MILE: 57.1 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 2860+01
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	4
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	4		

Silt on pad. Moderate drift downstream (unable to see thru the pipe) 3/4 full of silt.

MILE: 57.6 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2879+75
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

metal end rotting away.

MILE: 57.6 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2881+75
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Should be mile marker 57.59.

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SECTION: 4

PIPE CULVERT

MILE: 57.6 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2884+00
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	13		
5. - Silt	8		

Could not see to other side.

MILE: 57.6 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2883+00
Size: 18

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	13		

Should be mile marker 57.65. Metal end rotted away. Water flowing good.

MILE: 57.8 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2888+80
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	8		
5. - Silt	8		

Pipe in great shape. Not much water. Sinkhole and erosion 8' north of pipe where 12" median outlet crosses the 30" pipe. Both pipe barrels are exposed.

MILE: 57.8 sb

INSPECTION DATE: 05/12/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2889+70
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Leaves and debris in ditch.

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SECTION: 4

PIPE CULVERT

MILE: 58.7 sb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2940+82
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Invert completely filled in swamp. .

MILE: 58.7 nb

INSPECTION DATE: 05/15/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 2940+82
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

pipe 3/4 full of silt. Stagnant water, swamp.

MILE: 59.7 SB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 2992+50
Size: 60"

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Minor separation between first 2 sections. Spalling of headwall w/ rebar showing at several locations. Spall with section loss on S WW. Grout separating from pipe at headwall. End of second pipe segment, exposed rebar. Veg on pad.

MILE: 59.72 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 2992+00
Size: 60"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	8		

Minor erosion behind N. WW. Culvert patch is showing rust / rebar at opening. S. WW end spalling. 2 ft standing water in the pipe.

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SECTION: 4

PIPE CULVERT

MILE: **59.8 SB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **RCP** Station: **3000+60**
Size: **60"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	9		

Spalling on HW at waterline. 12" drop at end of apron. Erosion at both WW ends. no delineator. Debris @ outlet/ditch. Pipe 1/4 full.

MILE: **59.9 NB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **RCP** Station: **3001+00**
Size: **60"**

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

HW has moderate spalling and 2 chipped locations. Veg and silt covering 1/2 of channel. Flow impacts S. WW with scouring behind. Minor barrel/headwall interface spall with rebar showing. Erosion behind S wingwalls.

MILE: **59.92 NB**

INSPECTION DATE: **04/20/2016**

INSPECTOR(S): **HME CDH**

Type: **CMP** Station: **3002+10**
Size: **60"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Areas of 100% section loss of pipe along flowline at outlet- (rated 5). Asphalt coating is worn off. Pipe is under Dutton Hill Road (south side outlet).

MILE: **59.94 NB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **CMP** Station: **3003+50**
Size: **60"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Areas of 100% section loss of pipe along flowline at waterline at inlet - (rated 5). Asphalt coating is worn off. Pipe is under Dutton Hill Road (north side inlet).

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SECTION: 4

PIPE CULVERT

MILE: **60.1 SB**

INSPECTION DATE: **05/02/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **3009+50**
Size: **60"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Mortar missing from joints in pipe w/ 1" gap on first JT. Minor silt buildup on pad. Point bar against N. WW with veg. Moderate spall on headwall. Spall at pipe invert with rebar exposed.

MILE: **60.1 NB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **RCP** Station: **3008+50**
Size: **60"**

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	5	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

First joint separated 4 inches; minor separation developing at second and 3rd JTs. Outlet spalling with re-bar exposed. Channel drops 2' at culvert outfall. Minor erosion behind WW's. Sinkhole behind HW due to joint separation. Vegetation covers 1/2 of apron.

MILE: **60.2 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3017+29**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP outlet fully submerged in water, but still visible..

MILE: **60.2 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3017+29**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	9		

Metal inlet disconnected. Pipe is more than half full of sediment w/ debris buildup at inlet. Erosion over top of pipe.

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SECTION: 4

PIPE CULVERT

MILE: **60.4 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3041+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Soil eroded over top of pipe. 3' of CMP dislodged w/ total section loss at bottom. End of pipe not visible. (approx. MM 60.35 NB).

MILE: **60.4 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3041+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP inlet 1/2 buried. Rim damaged & barrel 1/2 full of silt.

MILE: **60.9 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3057+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	7
4. - Settlement	11		
5. - Silt	5		

Moderate erosion 30' upslope of pipe outlet. Pipe end buried under eroded soil.

MILE: **60.9 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3057+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP w/ heavy debris build up at inlet.

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SECTION: 4

PIPE CULVERT

MILE: **61 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3062+25**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP inlet w/ bottom rusted out.

MILE: **61 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3059+50**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

Minor erosion over top of pipe end. Bottom of CMP segment rusted out.

MILE: **61.1 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3065+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

Unable to locate pipe

MILE: **61.1 SB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3066+00**
Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Unable to locate pipe

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HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: **61.2 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3073+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP inlet w/ flared end rusted out.

MILE: **61.2 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3073+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end partially buried w/ 8" of silt build up in barrel at outlet.

MILE: **61.4 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3080+75**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP inlet w/ flared end rusted out. Vegetation overgrowth around pipe end. Barrel 1/2 full of sediment.

MILE: **61.4 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3080+25**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

Outlet. 12' of CMP w/ flared end; first 4' rusted at waterline & flared end w/ 100% section loss. Minor erosion behind flared end & minor debris buildup in ditch.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: 62.8 SB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3156+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Inlet 80% buried in wetland area. Flow is maintained.

MILE: 62.8 NB

INSPECTION DATE: 06/05/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3153+75
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	6
4. - Settlement	11		
5. - Silt	5		

Upslope moderately eroded. Pipe end buried in wetland.

MILE: 62.8 NB

INSPECTION DATE: 06/05/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3156+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP pipe inlet; bottom rusted out. Pipe end in wetland w/ vegetation growth & minor sedimentation.

MILE: 62.8 SB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3153+75
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Pipe end completely buried & not visible. Pipe end in wetland.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: **63.1 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3172+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	6
4. - Settlement	11		
5. - Silt	5		

Pipe end completely buried & submerged in water; not visible. Severe erosion upslope of pipe.

MILE: **63.1 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3171+25**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP pipe end w/ bottom rusted out. Minor silty debris in barrel. Pipe inlet in wetland.

MILE: **63.2 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3177+80**
Size: **24"**

1. Headwalls - Cracks	9		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	6
4. - Settlement	11		
5. - Silt	8		

CMP outlet joined at headwall w/ 36" pipe. CMP rusted out at bottom, spalls forming on headwall at outlet.

MILE: **63.2 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3177+70**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

Inlet from wetland 1/2 full of sediment. CMP pipe end partially buried.

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HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: **63.3 SB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **3177+75**
Size: **36"**

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Minor spalling on concrete. Bottom of 24" CMP severely corroded.

MILE: **63.3 NB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **3179+50**
Size: **36"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

(Pipe N. of Route 202 bridge.) Joints open 1". Spalling of conc. pad. 2" separation between 1 and 2 section. Sinkhole at back of hdwl. Vegetation in channel and on apron. silt on apron. No red delineator.

MILE: **63.4 SB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **3190+50**
Size: **48"**

1. Headwalls - Cracks	4		
2. - Movement	8	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	7		

Major spall on headwall. WW's det. 50% with Re-steel. Heavy vegetation on pad. (Pipe behind the guardrail just before maintenance area). Outlets to a wetland. No delineator.

MILE: **63.4 NB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **3190+50**
Size: **48"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	8		

Minor spalling at pipe/hdwl interface with re-bar exposed. 1 ft standing water in pipe and on apron. Inlets to a wetland. unable to see thru the pipe.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: **63.8 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3210+60**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

CMP w/ flared end 90% buried & full of silt.

MILE: **63.8 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3210+60**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP inlet rusted out. Minor erosion at top of pipe. Barrel 1/3 full of silt.

MILE: **64.3 NB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **3229+60**
Size: **42"**

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

Outlet 1/2 block w/silt & veg. HDWL spalling and cracking. with rebar exposed. 1st joint 12"x4" hole. slope erosion above HDWL. Outlet channel obstructed with vegetation.

MILE: **64.3 SB**

INSPECTION DATE: **05/07/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **3229+60**
Size: **42"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	6	7. - Erosion	9
4. - Settlement	7		
5. - Silt	9		

Several joints are open 6". Minor spalling around barrel/hdwl interface inlet. Point bar at inlet blocking 3/4 inlet. Settlement behind N and S WW's and Hdwl.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: **64.9 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3264+60**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	7
4. - Settlement	11		
5. - Silt	7		

CMP inlet w/ erosion over pipe end.

MILE: **64.9 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3264+60**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Pipe end completely buried in wetland area.

MILE: **65 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3272+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP inlet overgrown w/ vegetation. Sinkhole North of pipe end.

MILE: **65 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3272+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

10' of CMP outlet completely disconnected. Sinkholes upslope of pipe end.

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Inspection Field Report

HNTB Corporation

SECTION: 4

PIPE CULVERT

MILE: **66.2 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3335+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP w/ flared end; both crushed on top & rusted out on bottom. Debris buildup at inlet.

MILE: **66.2 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3335+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP w/ flared end rusted out. Heavy debris build up at pipe end; barrel half full of debris.

MILE: **67.3 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3392+40**
Size: **12"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end half buried w/ flexible steel conduit lodged inside(conduit appears to be damaged). Pipe end rim spalled w/ exp. reinforcement.

MILE: **67.3 NB**

INSPECTION DATE: **06/05/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **3392+40**
Size: **12"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end 90% buried. 6" flexible steel conduit inside RCP (culvert appears to act as sleeve).

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: **68.1 SB**

INSPECTION DATE: **04/28/2016**

INSPECTOR(S): **HME PDB**

Type: **RCP** Station: **3436+50**
Size: **72"**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	8	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	9		

3" to 4" of silt and vegetation on concrete pad. 8-10" of silt and vegetation along N. & S. WW as well as point bar. Scaling on headwall around pipe interface with rebar exposed. 1" gap at first barrel JT. tree grow on north WW

MILE: **68.2 NB**

INSPECTION DATE: **04/27/2016**

INSPECTOR(S): **HME CDH**

Type: **RCP** Station: **3436+51**
Size: **72"**

1. Headwalls - Cracks	6	6. Ditches - Silt	9
2. - Movement	8	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	7		
5. - Silt	8		

Headwall heavily spalled and scaled around pipe and bottom of N. WW. Possible misalignment with sag 3/4 way into barrel. Vegetation overhanging HW & WW & across channel @ outlet.

MILE: **68.3 nb**

INSPECTION DATE: **06/12/2014**

INSPECTOR(S): **HME MHP**

Type: **RCP** Station: **3446+82**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	11
2. - Movement	11	7. - Erosion	11
3. Barrel - Joints	13		
4. - Settlement	8		
5. - Silt	7		

Should be station 3447+00.

MILE: **68.3 sb**

INSPECTION DATE: **06/12/2014**

INSPECTOR(S): **HME MHP**

Type: **RCP** Station: **3446+82**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	11
2. - Movement	11	7. - Erosion	11
3. Barrel - Joints	13		
4. - Settlement	8		
5. - Silt	7		

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: 69.1 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3483+00
Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

3" of sand/silt in barrel. slope erosion above pipe. Silt and vegetation in apron.

MILE: 69.1 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3483+00
Size: 42"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

WWs and HDWL has spalls, with re-bar just beginning to show. Top of South WW has large spall with a bird's nest in it. No flow in pipe at time of inspection. 3" separation on first 2 sections.

MILE: 69.2 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3494+60
Size: 48"

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Minor erosion behind S. WW. (4' x 4' area). Minor headwall/pipe interface spalling with rebar exposed. 4" of silt & veg. on conc. pad.

MILE: 69.2 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3494+60
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Moderate spalls on the N. & S. WW. and headwall. Several inches of Silt and vegetation on apron. No red delineator.

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SECTION: 5

PIPE CULVERT

MILE: 69.5 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3513+00
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

90% submerged.

MILE: 69.5 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3513+00
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

90% submerged.

MILE: 69.6 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3516+00
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	6		

Flared end gone, invert of pipe completely rusted/deteriorated.

MILE: 69.6 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3516+00
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Vegetation partially blocking pipe inlet. pipe invert deteriorated and missing.

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SECTION: 5

PIPE CULVERT

MILE: 70.3 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: **RCP** Station: **3549+51**
Size: **60"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Barrel 3/4 full w/ light flow. Minor erosion at water line at both WWs and at HW. Tree growing atop N. WW. Minor spalls at water line of pipe w/ exposed rebar.

MILE: 70.3 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: **RCP** Station: **3549+50**
Size: **60"**

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	8		

Barrel and apron 1/2 full of water. Spalling at 1st barrel joint and at pipe end with re-bar exposed. Bottom of N. and S. WW are spalling. Erosion behind ends of both WW.

MILE: 72 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: **RCP** Station: **3641+00**
Size: **60"**

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	6
4. - Settlement	9		
5. - Silt	8		

Minor spalling at HW invert w/rebar exposed. Cut banks are causing trees to fall into the channel. 1 1/2" pipe sticking up from pad 8". Erosion behind both WWs. Delam. on N. WW. Sediment and debris build up at inlet. S. WW extends into channel flow line causing diversion of flow & erosion.

MILE: 72.1 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: **RCP** Station: **3643+00**
Size: **60"**

1. Headwalls - Cracks	8		
2. - Movement	7	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

3" separation in first barrel joint w/ separation developing in second & third joints & possibly beyond. Scour at end of N. and S. WW w/ undermining. Scour hole on N.side of outlet. Spalling at barrel/headwall interface and along bottom of wingwall along apron. several large trees on embankment above headwall. seepage coming from 1st joint, almost completely separated.

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SECTION: 5

PIPE CULVERT

MILE: 72.2 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3654+50
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	13		

Should be station 3654+00. Sinkhole over pipe, 5' from EOP.

MILE: 72.2 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3654+50
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Tree fallen across pipe end. Pipe invert deteriorated. Flared end seperated from pipe.

MILE: 72.5 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3669+75
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

Pipe 1/2 full of sediment/buried. Tree growth over pipe.

MILE: 72.5 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3666+49
Size: 24

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Could not locate.

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: 72.5 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3666+49
Size: 24

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	6		

Could not locate.

MILE: 72.5 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3667+75
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	13		

Invert of pipe completely deteriorated.

MILE: 72.6 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3672+00
Size: 24

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Could not locate - pipe buried

MILE: 72.6 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3671+00
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	6
4. - Settlement	13		
5. - Silt	13		

Pipe outlet overgrown. Flared end separated from pipe.

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HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: 73.5 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3698+68
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Invert of pipe completely deteriorated.

MILE: 73.5 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3698+68
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

Moderate slope erosion and sinkhole 10' from EOP.

MILE: 73.6 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3720+10
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	5		

Pipe 1/2 full of sediment. Moderate scope failure/sink hole above pipe.

MILE: 73.6 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3720+10
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Vegetation around inlet. Erosion/ruts above pipe.

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SECTION: 5

PIPE CULVERT

MILE: 74.1 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3734+50
Size: 30

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Could not locate.

MILE: 74.1 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3736+00
Size: 30

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Could not locate

MILE: 74.2 nb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3780+30
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Should be station 3739+35. Completely buried (pipe located down slope from median outlet).

MILE: 74.2 sb

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3739+35
Size: 30

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

pipe 1/3 full sediment, bottom deteriorated. Flared end separated from culvert.

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SECTION: 5

PIPE CULVERT

MILE: 74.42 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 3754+09
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	13		
5. - Silt	8		

End of WW's spalling. Erosion behind both WW's from side ditches. Settlement behind HW. Barrel is 1/3 full of water.

MILE: 74.42 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 3754+10
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	7	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	5		
5. - Silt	9		

1st joint open approx. 2". Next 2 joints open 1-2". Minor erosion behind N. & S. WW and at ends of WW's. Spalling of south WW and along bottom of each WW. Rocks at end of pad. Pipe slope such that 1' depth of flow becomes half full flow full at 80-100' (possibly due to sag in pipe run).

MILE: 74.75 NB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3771+65
Size: 54"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	7		

Erosion behind HDWL and both WW's. Point bar on 2/3 of outlet with 2" trees growing. Minor sag. Pipe is approximately 1/4 full of silt/gravel. No red delineator.

MILE: 74.75 SB

INSPECTION DATE: 05/07/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3771+65
Size: 54"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Minor spall on top of barrel. 10" of sand & gravel in pipe barrel. No red delineator.

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SECTION: 5

PIPE CULVERT

MILE: 75 NB

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3780+30
Size: 30

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Completely buried. 4' sinkhole above pipe

MILE: 75 SB

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 3780+30
Size: 30

1. Headwalls - Cracks	13	6. Ditches - Silt	13
2. - Movement	13	7. - Erosion	13
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Could not locate.

MILE: 75.3 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3798+15
Size: 54"

1. Headwalls - Cracks	8	6. Ditches - Silt	6
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	7		

Located south of Exit 75 SB off ramp East of NB roadway. 4" tree growing on pad. Point bar on 50% of pad. Spall/chip on N. WW. Old erosion behind WW's. Ends of WW covered w/ 8" silt and vegetation. 2" Gravel forming natural bottom in pipe. No red delineator.

MILE: 75.3 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3798+14
Size: 54"

1. Headwalls - Cracks	6	6. Ditches - Silt	7
2. - Movement	7	7. - Erosion	7
3. Barrel - Joints	7		
4. - Settlement	7		
5. - Silt	9		

Spall w/ rebar exposed on N. WW at end and with 6" deep spall just above waterline. S. WW is heavily cracked with 2" deep spall just above waterline w/ eff. S. WW spalled at the end because of 12" pipe outlet drainage with re-bar exposed. Erosion of conc. pad at flow line. S. WW leaning toward pipe. Minor rocks and silt on pad. Headwall box extension. No delineator.

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Inspection Field Report

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SECTION: 5

PIPE CULVERT

MILE: 75.4 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3800+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	7
4. - Settlement	11		
5. - Silt	8		

CMP inlet w/ flared end rusted out. Vegetation overgrowth around ditch (thorns). Other CMP discharges to same ditch.

MILE: 75.4 NB

INSPECTION DATE: 06/05/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3800+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	11
3. Barrel - Joints	5	7. - Erosion	11
4. - Settlement	11		
5. - Silt	11		

Erosion & sinkholes at mid-pipe. (JT's possibly separated under mainline). CMP rusted out at bottom (visible through sinkholes).

MILE: 75.5 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3808+45
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP rusted out at bottom. Excessive growth around inlet (poison ivy).

MILE: 75.5 NB

INSPECTION DATE: 06/10/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3808+45
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end next to Park & Ride entrance. CMP outlet has rust holes & gouges on top. Barrel 1/3 full of silt.

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: 76.1 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3840+80
Size: 54"

1. Headwalls - Cracks	6		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

S. WW is cracked about mid length w/ eff. S. WW bulges to N. Easterly 1/2 of S. WW is heavily deteriorated w/ rebar exposed. Conc. pad showing signs of minor erosion. Point bar on half of pad with heavy veg. covering apron and lower half of N. WW. Joints separated 3". Pipe tie cable hanging in pipe. woody debris across inlet. No red delineator.

MILE: 76.15 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3841+47
Size: 54"

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	6
4. - Settlement	8		
5. - Silt	9		

Erosion behind S. and N. WW; erosion both sides of S ditch. Spalls on bottom of HDWL & WWs and at end of S. WW. Sinkhole above HDWL (3'x3'). Rebar sticking out of pad. 1-2 joints separated 1" gap. Minor erosion of conc. pad surface. 12" drop off at end of slab, with slight undermining. No red delineator.

MILE: 76.4 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3850+71
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

Barrel 1/3 full of sediment but maintains flow.

MILE: 76.4 NB

INSPECTION DATE: 06/05/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3850+71
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP & flared end at inlet. 6" of silt in barrel. Flared end separated from pipe. (approx. MM 76.25).

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HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: 76.7 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 3867+70
Size: 60"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	8		

Sink holes over pipe with large washout and erosion behind HW. Rebar sticking up in conc. pad. Scaling on surface of conc. pad. 1st 2 joints separated 1-2".

MILE: 76.7 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 3867+70
Size: 60"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	7		
5. - Silt	9		

Trees on pad. First 6 sections appear sloped (not settled). Erosion on slope above HW. Debris & silt on pad - 50% covered and with vegetation. Rebar sticking out of pad. Headwall at flow line spalled and broken at bottom.

MILE: 76.8 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3875+30
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP outlet w/ flared end rusted out.

MILE: 76.8 NB

INSPECTION DATE: 06/05/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3875+30
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	9		

CMP w/ inlet. 2" undermining at invert.

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SECTION: 5

PIPE CULVERT

MILE: 77.4 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3910+67
Size: 48"

1. Headwalls - Cracks	6		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Pad 50% eroded w/re-bar at end of apron. Hdw & N. & S. WW's undermined and deteriorating at water line. Erosion behind tips of both WWs. Apron deteriorated 30% on surface. Slope above hdwl is sloughing with little ground cover due to grass cutting operations. Spalls on hdwl at pipe junction.

MILE: 77.4 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3910+67
Size: 48"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

N. and S. WW 30% deteriorated especially on lower third. Splash pad deteriorated. Headwall spalled/eroded at flow line. Area up slope from hdwl, damaged by grass cutting equipment. Trees down in ditch.

MILE: 77.7 NB

INSPECTION DATE: 06/05/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3922+00
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

CMP pipe end buried & fully submerged in water.

MILE: 77.7 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3922+00
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	13
3. Barrel - Joints	11	7. - Erosion	13
4. - Settlement	11		
5. - Silt	8		

CMP inlet rusted out at bottom to about 4' into pipe & damaged around rim.

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SECTION: 5

PIPE CULVERT

MILE: 78 NB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3935+10
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	11
4. - Settlement	11		
5. - Silt	5		

Pipe completely buried & submerged in water. (Approx. MM 77.9)

MILE: 78 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3935+10
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

Barrel 2/3 full of water & debris.

MILE: 78.2 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3956+20
Size: 2-48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

Old cable pipe ties in pipe. Minor silt in north barrel. 1st jnt open 6" in south barrel. No red delineator.

MILE: 78.3 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 3956+20
Size: 2-48"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

Silt bar in front of north pipe. 1st jnt open 2-3" both barrels. sinkhole between pipes. No red delineator

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SECTION: 5

PIPE CULVERT

MILE: 78.7 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3972+37
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP inlet w/ flared end rusted out at bottom. Sinkholes upslope of pipe. Excessive growth over top of pipe.

MILE: 78.7 NB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3972+37
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	9
4. - Settlement	11		
5. - Silt	8		

Outlet w/ steady flow. Vegetation overgrown around pipe end.

MILE: 78.8 NB

INSPECTION DATE: 06/08/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3977+75
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	7		
5. - Silt	8		

Stagnant water in ditch w/ erosion & debris buildup at outlet.

MILE: 78.8 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 3979+25
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	6
4. - Settlement	11		
5. - Silt	7		

CMP inlet. Top of pipe crushed. Moderate erosion north of pipe.

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SECTION: 5

PIPE CULVERT

MILE: **80.3 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4058+01**
Size: **42"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	6
4. - Settlement	7		
5. - Silt	7		

(Culvert is in line with S. abutment). 1st joint open 12". Erosion behind HDWL and WW's. 12" of silt/rocks in pipe. Silt and rock on conc. pad.

MILE: **80.3 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4058+00**
Size: **42"**

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

(Culvert is in line with South bridge abutment. Easier access from the parkway) spall w/rebar showing on headwall and barrel. Jnts open 2". Stones on pad. Trees and drift upstream of inlet and across stream. Old cable tie on headwall. WW, spalling at tips. No red delineator.

MILE: **80.4 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4065+40**
Size: **36"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	8		
5. - Silt	9		

(Culvert located at 2nd right pole from bridge) 3 ft drop from pad to ditch line, undermined 24". Minor shrinkage cracks through out barrel. Minor spall on end of N WW. Flow eroding at edge of pad. Heavy erosion downstream.

MILE: **80.4 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4065+40**
Size: **36"**

1. Headwalls - Cracks	9		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Culvert located at 2nd light pole from bridge). Silt and veg. on pad. Minor sag in culvert. Apron 1/3 covered with silt and vegetation. Culvert and channel currently dry. No red delineator.

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SECTION: 5

PIPE CULVERT

MILE: 80.7 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4078+60
Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Concrete pad eroded away under both N and S WW's ends with rebar exposed under the S WW end. Concrete pad has spall. Minor erosion of slope at ends of both WW's.

MILE: 80.7 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4078+60
Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

1st section separated 3" & shifted. Rebar exposed at hdwl. Ends of N. and S. WW's minor spalled. Minor erosion at both WWs. Minor erosion on conc. pad. Silt and veg. on 1/2 of conc. pad about 4" to 6" in thickness.

MILE: 80.9 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4087+25
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP outlet w/ flared end. Pipe end 1/2 buried & 1/2 full of sediment.

MILE: 80.9 NB

INSPECTION DATE: 06/08/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4087+25
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CMP w/ flared end. Vegetation over top of pipe end.

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SECTION: 5

PIPE CULVERT

MILE: **81.1 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4099+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Bottom of CMP inlet rusted out.

MILE: **81.1 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB TH**

Type: **RCP** Station: **4099+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Bottom of CMP inlet rusted out.

MILE: **81.1 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4099+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP outlet w/ 1" dropoff from invert.

MILE: **81.1 SB**

INSPECTION DATE: **06/10/2015**

INSPECTOR(S): **SB TH**

Type: **RCP** Station: **4099+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP outlet w/ 1" dropoff from invert.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: **81.3 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4110+70**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP outlet w/ flared end detached. Barrel about 1/3 full of water. Tree stump & roots growing over top of pipe.

MILE: **81.3 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4110+70**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CMP inlet rusted out on bottom & gouged on top.

MILE: **81.7 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4135+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CMP gouged at outlet. Steady flow. Sinkhole 10' upslope of pipe end.

MILE: **81.7 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4135+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP rusted out at bottom. Erosion on both sides of pipe & sinkholes upslope of pipe end.

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SECTION: 5

PIPE CULVERT

MILE: **82 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4151+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	7		
5. - Silt	7		

CMP inlet rusted out at bottom to about 10' in. Possible settlement under ML.

MILE: **82 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4151+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP outlet to wetland. Pipe end 1/2 buried & barrel 1/2 full of sediment.

MILE: **82.4 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4170+00**
Size: **48"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	8		

Veg. in ditch and on pd. S WW spalling below waterline. Both wing walls and head wall overgrown with vegetation. Separation of 2" between 1 and 2 section of pipe. Barrel half full of water.

MILE: **82.4 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4170+00**
Size: **48"**

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	7		

Point bar in 1/3 channel. Concrete deteriorated at flow line. Minor spalling on headwall. Erosion behind WW's. Approximately 12" of silt on conc. pad.

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SECTION: 5

PIPE CULVERT

MILE: 82.8 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4220+90
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Unable to locate pipe

MILE: 82.8 NB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4220+90
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Unable to locate pipe

MILE: 83.3 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4247+50
Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	6		

(located west of service area @ MM 83 on-ramp) Silt in barrel is 1/3 full. Point bar on 1/2 of pad. 3" tree behind hdwl. Hdwl and WW's overgrown w/ veg. 8" white birch encroaching on S WW. no delin.

MILE: 83.3 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4247+50
Size: 42"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	6
3. Barrel - Joints	5	7. - Erosion	7
4. - Settlement	7		
5. - Silt	9		

Silt and veg. on 7/8 of pad 1 foot depth. 1st pipe separated 6". 2 large sinkholes above HDWL exposing pipes open jnt. Minor spall at headwall and top of barrel. Hdwl and 1st section separated from pipe shifted 3" to north. erosion above pipe 2' from eop.

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: 83.5 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4256+80
Size: 48"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

outlet no longer accessible. Outlet has turned into an overland CB, can hear water moving beneath concrete cover.

MILE: 83.5 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4256+80
Size: 48"

1. Headwalls - Cracks	5		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

1st & 2nd sections have minor settlement. N. WW & HDWL spalled w/major rebar exposed. Could not see through to end of pipe. Silt and veg. on half of the conc. pad. 0" drop from end of apron.

MILE: 83.9 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4282+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end fully submerged in water; not visible.

MILE: 83.9 NB

INSPECTION DATE: 06/08/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4282+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Pipe end fully submerged in water.

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Inspection Field Report

HNTB Corporation

SECTION: 5

PIPE CULVERT

MILE: **84.4 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4308+60**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	9		

CMP w/ ragged cut at outlet 1' dropoff from invert. Stagnant ponding water in ditch.

MILE: **84.4 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4308+60**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP pipe end damaged causing impeded flow at inlet.

MILE: **84.8 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4330+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP inlet. Bottom rusted out & inlet blocked by sediment & vegetation. Grass overhanging sides of pipe.

MILE: **84.8 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4330+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CMP end 1/2 buried and barrel 1/2 full of sediment. Top of pipe end is crushed.

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Inspection Field Report

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SECTION: 5

PIPE CULVERT

MILE: **85.8 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4378+50**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end partially buried, blocked by debris & severely spalled.

MILE: **85.8 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4378+50**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end fully submerged in water at outlet, but maintains flow.

MILE: **85.9 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4387+40**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

Minor spalls on rim of pipe end at outlet.

MILE: **85.9 NB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4387+40**
Size: **30"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Unable to locate pipe

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Inspection Field Report

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SECTION: 5

PIPE CULVERT

MILE: **86.1 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4397+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	9		

Crosses under SB off ramp to closed drainage system on mainline.

MILE: **86.1 NB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4397+00**
Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Unable to locate pipe

MILE: **86.2 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4400+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	7		
5. - Silt	8		

Barrel 1/3 full of water w/ some silt at outlet. Possible settlement under ML & ramp.

MILE: **86.2 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4400+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

Barrel 1/4 full of water & silt. Vegetation overgrown over top of pipe end.

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SECTION: 5

PIPE CULVERT

MILE: **86.3 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4404+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	11	7. - Erosion	9
4. - Settlement	11		
5. - Silt	8		

Inlet.

MILE: **86.3 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4404+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Minor spall on top of pipe w/ exp. reinforcement at outlet. Minor sinkhole upslope of pipe end.

MILE: **86.7 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **4419+83**
Size: **48"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	5	7. - Erosion	8
4. - Settlement	2		
5. - Silt	9		

Asphalt coating wearing off. Top of pipe removed for about 5 feet. Pipe end 29' from EOTW. Hdwl 100% deteriorated (assumed removed). WWs 100% deteriorated. Stones and minor silt on conc. pad. End of pipe has slight undermine. Small sinkhole developing 10' from edge of pavement at joint between cmp and concrete pipe.

MILE: **86.7 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4419+83**
Size: **48"**

1. Headwalls - Cracks	3		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	7		

Most of WW's 100% deteriorated, rebar left. Hdwl 100% deteriorated. Pipe 1/4 full of water. unable to see inside the pipe.

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LITCHFIELD

MILE 86.7 to MILE 100.2

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SECTION: 6

PIPE CULVERT

MILE: 87.4 NB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4465+00
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

Pipe end buried & not visible.

MILE: 87.4 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4465+00
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	11
3. Barrel - Joints	11	7. - Erosion	11
4. - Settlement	11		
5. - Silt	11		

Pipe end buried & not visible. Sinkhole located upslope of pipe end.

MILE: 87.6 NB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4474+56
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	7		
5. - Silt	8		

CPP w/ steady flow at outlet. Possible settlement 1/3 of the way in barrel.

MILE: 87.6 SB

INSPECTION DATE: 06/09/2015

INSPECTOR(S): SB MPA

Type: RCP Station: 4474+56
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP inlet w/ heavy debris buildup at inlet & minor erosion on both sides of pipe.

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SECTION: 6

PIPE CULVERT

MILE: **88.1 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **4497+00**
Size: **42"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	7
4. - Settlement	7		
5. - Silt	9		

(Pipe is below 2nd berm MM should be 88.2). Asphalt coating worn off. Minor scour at pipe outlet pool. No red delineator.

MILE: **88.1 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **4497+00**
Size: **42"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Flow line eroded, asphalt worn off pipe. Water going beneath pipe. board lodged against/across pipe invert, sediment buildup. no deli.

MILE: **88.4 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4516+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP rusted out at bottom. Flared end detached. Erosion over top of pipe. (Approx. MM 88.6)

MILE: **88.4 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4516+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP & flared end at inlet rusted out. Barrel 1/4 full of silt.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: **88.9 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4526+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP inlet w/ bottom rusted out. Minor gouges on top of pipe end.

MILE: **88.9 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4526+00**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CPP outlet.

MILE: **89 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4534+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CPP inlet.

MILE: **89 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4534+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	6		

CPP 1/2 full of water & silt at outlet.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: **89.1 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4541+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Pipe end buried & submerged in water. Sinkhole extending 10' back from pipe end.

MILE: **89.1 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4541+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	7		

CMP inlet rusted out at bottom. Gouge on top of pipe & vegetation overhanging.

MILE: **89.3 SB**

INSPECTION DATE: **06/09/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4549+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	5		

Pipe end completely buried & submerged in water.

MILE: **89.3 NB**

INSPECTION DATE: **06/08/2015**

INSPECTOR(S): **SB MPA**

Type: **RCP** Station: **4549+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	11		
5. - Silt	8		

CMP w/ flared end. Vegetation overgrown at inlet.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: **89.5 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4570+40**
Size: **42"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	5		

1/2 of barrel full of silt and water. Shallow outlet area with vegetation in channel. Minor joint separations. Minor settlement over hdwl. No red delineator.

MILE: **89.5 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4570+40**
Size: **42"**

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

Point bar covering 1/3 N WW and 1/2 pad. Separation of 4" in first 3 joints. Joints are leaking. Debris blocking flow. no delin.

MILE: **90.1 NB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4589+91**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	9		

CMP outlet - invet rusted completely out 2'. unable to see thru pipe. no delin.

MILE: **90.1 SB**

INSPECTION DATE: **05/13/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **4589+91**
Size: **30"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe end 100% covered by wood debris from tree clearing contract, uninspectable. No delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 90.4 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4608+72
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe 75% full of water and sediment. no delineator.

MILE: 90.4 SB

INSPECTION DATE: 05/28/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4608+72
Size: 24"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Could not locate the pipe end.

MILE: 90.5 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 4618+00
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

Ends of WW spalled. 8-12" of silt on apron and in barrel. Rebar exposed in barrel. No delin.

MILE: 90.5 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 4618+00
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Located 100' south of Litchfield town line sign. Crack on S. WW. 3" separation between 1st joint in barrel at bottom. Minor erosion and deterioration at end of N. WW. Seepage from embankment north of pipe (20'). Minimal rebar showing at pipe end. HW spalled at bottom & N. WW spalled near top.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 91.2 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 4656+50
Size: 60"

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

End of WW's deteriorated & undermined. Apron spalled & undermined w exposed rebar. Erosion at end of WW's. Rebar exposed at end of pad. Possible misalignment at first & second JTs with 2" seperation. No delin.

MILE: 91.3 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 4655+60
Size: 60"

1. Headwalls - Cracks	6		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Severe spalling on pipe end at HW w/rebar exposed; incipient spall at top of pipe. Erosion behind S. and N. WW w/ minor undermining. First 3 sections separated & settled. Grout missing in joint worst is between section 1 & 2 at bottom (6" W x 3' L). Point bar across 90% of ditch inlet.

MILE: 92.2 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4699+90
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	8		

CMP outlet - flared end section corroded and separated from pipe. pipe invert corroded . no delineator.

MILE: 92.2 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4699+90
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	5		

CMP outlet - flared outlet. pipe 1/2 full of water and sediment. unable to see thru pipe. settlement over pipe. no delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 92.4 NB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: CMP Station: 4714+01
Size: 2-30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Top 1/2 of both pipe ends are crushed, no flared ends. flow line eroded at ends. No red delineators at pipe. Outlet is wetland.

MILE: 92.4 SB

INSPECTION DATE: 05/13/2013

INSPECTOR(S): HME TH

Type: CMP Station: 4714+01
Size: 2-30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	6
4. - Settlement	8		
5. - Silt	8		

S pipe first section metal hdwls have separated and are in channel. Pipe is rusted and eroded at bottom. Erosion around pipe inlet. Settlement at side/top of pipe inlets. Inlet channel overgrown and partially blocked.

MILE: 93.2 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4757+00
Size: 36"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	6
4. - Settlement	13		
5. - Silt	9		

Erosion behind S. WW. Minor spall on HDWL. Larger Spall on N. WW with re-bar exposed. Minor vegetation on both WW. Hdwl 28' from EOTW. No red delineator.

MILE: 93.2 SB

INSPECTION DATE: 05/28/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4757+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Erosion behind S WW. N WW partially visible. Veg. growing over WW's and hdwl. Lots of wood debris across headwall and inlet. 6" silt in culvert. No delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 93.4 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4770+00
Size: 36"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	13		

HDWL. and WW's immersed in water. Minor slope damage. Slopes eroded around WW (minor). No red delineator.

MILE: 93.4 SB

INSPECTION DATE: 05/28/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4770+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

barrel full of water, water stagnant at outlet. 2/3 WW submerged in water. Minor spall on WW at flow line. Hdwl and WW's overgrown with veg. No delineator.

MILE: 93.6 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4778+62
Size: 2-36"

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

spalls on hdwl by N barrel and between barrels at the flowline. Barrel is approximately 1/4 full of water. No red delineator.

MILE: 93.6 SB

INSPECTION DATE: 05/22/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4778+62
Size: 2-36"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	9		

Hdwl. minor spalls with rebar. Minor separation at 1st joint. Salt attack at top of the headwall. Erosion at both sides of hdwl. Unable to gain access to inspect inside the pipe, high, fast flow. Debris caught in pipe outlet. Old debris guard removed and tossed on the sideslope near channel, u channels and all. No delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 93.7 NB

INSPECTION DATE: 04/27/2016

INSPECTOR(S): HME CDH

Type: RCP Station: 4786+40
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Headwall deteriorated and gone at waterline. Culvert guard at inlet (3 delineators and fencing) and is falling apart, debris caught in guard. 1" separation at joint between sections 1 and 2 with spalling. End of N. Wingwall spalled. No delin.

MILE: 93.7 SB

INSPECTION DATE: 04/28/2016

INSPECTOR(S): HME PDB

Type: RCP Station: 4787+50
Size: 72"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	6
4. - Settlement	8		
5. - Silt	9		

Headwall spalled at waterline. Erosion at WW ends. South WW deteriorated with a 6' length of section loss from scour with rebar exposed. N. WW has an area of minor spalling with crack. Leading 2' of apron pad is undermined as well as both WWs. No Delineator.

MILE: 94.1 SB

INSPECTION DATE: 05/22/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4801+20
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

CMP outlet - invert of pipe completely corroded. no delineator.

MILE: 94.1 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4801+10
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CMP outlet - flared end section corroded and separated. invert of pipe corroded and some section loss. erosion either side of pipe. no delineator.

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Inspection Field Report

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SECTION: 6

PIPE CULVERT

MILE: 94.2 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4810+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Minor erosion behind N and S WW. 3" tree growing over hdwl & pipe. Fallen tree damming downstream. HW spalled at flow line. no delineator.

MILE: 94.2 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4810+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	6		
5. - Silt	9		

Point bar on conc. pad. HDWL invert deteriorating. WWs & hdwl covered by heavy veg. restricting inspection. No red delineator.

MILE: 94.6 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4831+75
Size: 48"

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	7		
5. - Silt	9		

(Correct station should be 4833+00.) Spall at flow line of HW and under both WW's. Undermining at pad and S WW. 12" drop at the end of pad. no delineator.

MILE: 94.6 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4831+75
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Flow line is eroded at base of walls. Erosion behind WW's. Invert at HDWL deteriorated to first barrel joint. Pad eroded. No red delineator.

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SECTION: 6

PIPE CULVERT

MILE: 95.4 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4866+75
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

found pipe with shovel, but completely buried under water. no delineator.

MILE: 95.4 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4865+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe overgrown with vegetation at inlet,unable to inspect. no delineator.

MILE: 95.9 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4895+20
Size: 36"

1. Headwalls - Cracks	5		
2. - Movement	4	6. Ditches - Silt	7
3. Barrel - Joints	4	7. - Erosion	6
4. - Settlement	6		
5. - Silt	9		

Culvert is hidden in thicket of honeysuckle. Sink hole above hdwl is rated a 3. 1st pipe joint separated completely, 8" visible from slope. S. WW undermined. N. WW eroded at flow line with re-bar showing. No red delineator.

MILE: 95.9 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4895+20
Size: 36"

1. Headwalls - Cracks	7		
2. - Movement	7	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	6
4. - Settlement	13		
5. - Silt	6		

Erosion on S ditch. N WW spalled. Drift downstream S ditch flow impact hits S WW. Pipe is 2/3 full of water and 1/2 full of silt. 16" tree growing over pipe. rocks from south ditch cover 1/2 of apron outlet flow path. no delineator.

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Inspection Field Report

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SECTION: 6

PIPE CULVERT

MILE: 96 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4899+25
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CMP outlet - flared end section separated, invert of the pipe corroded in 2'. sink holes above pipe both sides. No delineator.

MILE: 96 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4900+00
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	5	7. - Erosion	8
4. - Settlement	7		
5. - Silt	9		

CMP outlet - first joint separated and shifted. large sink hole present. Pipe invert corroded. erosion around pipe end and under pipe. No delineator.

MILE: 96.3 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4915+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	5
3. Barrel - Joints	7	7. - Erosion	6
4. - Settlement	6		
5. - Silt	9		

First joint separated. Major settlement behind S. and N. WW. & HDWL. Sinkhole above HDWL. 2' deep silt on 3/4 of pad with trees and heavy veg growing on it. End of WW scoured. No red delineator.

MILE: 96.3 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4915+00
Size: 36"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

under water. Sinkhole 10' behind hdl. Assume pipe separated with plug at sinkhole. Hdl and WW's covered with veg. Approximately 75% of barrel filled with silt. no delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 96.9 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4944+75
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - Pipe outlet overgrown, unable to look thru the pipe. 16" pine growing over pipe. 3' diameter by 3' deep sinkhole over pipe. No delineator.

MILE: 96.9 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4945+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - flared end separated, pipe overgrown with vegetation and uninspectable. No Delineator.

MILE: 97.2 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4963+50
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

CMP outlet - Point bar covering 1/4 of inlet. Pipe severely corroded and separating at the flowline. flared end corroded. No delineator.

MILE: 97.2 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4963+50
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	6		

CMP outlet - Pipe 1/2 full of sediment. Flared end and pipe overgrown and buried by vegetation and earth. Unable to inspect inside pipe to overgrowth. Rutting and erosion above pipe 8' from EOP. No delineator.

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HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 97.5 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4975+75
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	7		

CMP outlet - flared end corroded and 1/2 missing. Sinkhole over pipe, end of pipe partially crushed. 1st few feet of pipe corroded, invert gone. No delineator.

MILE: 97.5 SB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4975+75
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	13		
5. - Silt	7		

CMP outlet - flared end disconnected from pipe. 6" tree growing over pipe. Pipe corroded and unable to see thru the pipe. No delineator.

MILE: 97.6 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4985+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	7		

CMP outlet - pipe invert overgrown with vegetation. no delineator.

MILE: 97.6 NB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4984+50
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe buried, uninsectable. ditch full of vegetation and sediment. no delineator.=

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 97.9 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4996+00
Size: 24"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

could not locate

MILE: 97.9 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 4996+00
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	5		

CMP outlet - pipe end overgrown with vegetation from wetland, full of sediment. no delineator.

MILE: 98.1 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5009+75
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	7		

CMP outlet - pipe end overgrown with vegetation ,unable to inspect inside pipe. no delineator.

MILE: 98.1 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5009+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe corroded at water line. 1/2 full of water. no delineator.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 98.2 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5015+40
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

could not locate the pipe

MILE: 98.2 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5015+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

could not locate the pipe

MILE: 98.5 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5028+00
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	8		

Minor erosion behind walls. Spall on ends of WW and headwalls. 1/2 full of murky water. No red delineator. beaver dam @ end of apron.

MILE: 98.5 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5028+00
Size: 48"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	9		

Barrel 1/4 full of water. 1st joint separated 1.5". Erosion behind N. and S. WW. Minor sink holes above HW. Scaling of apron ad bottom of WW. No red delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 99.1 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5062+00
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

CMP outlet - end of the pipe crushed, corroded and water leaking around unable to inspect inside the pipe. erosion and sinkholes around and above the pipe. No delineator.

MILE: 99.1 NB

INSPECTION DATE: 04/26/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5060+25
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	7		

CMP outlet - flared end separated from the pipe. Pipe end corroded and invert gone. No delineator.

MILE: 99.5 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5082+32
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe buried, located with a shovel. inlet overgrown with wetland vegetation. No delineator.

MILE: 99.5 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5082+32
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

could not locate the pipe.

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HNTB Corporation

SECTION: 6

PIPE CULVERT

MILE: 99.7 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5091+23
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe completely buried but found with a shovel. No delineator.

MILE: 99.7 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5091+23
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe completely buried but believe we found with a shovel. No delineator.

MILE: 99.9 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): TH

Type: RCP Station: 5103+77
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe invert corroded gone. Erosion around both sides of pipe. unable to inspect inside the pipe. No delineator.

MILE: 99.9 NB

INSPECTION DATE: 05/15/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5103+77
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	8		

CMP outlet - Invert corroded severly and missing 5'. 2 signifcant sinkholes above pipe. Erosion bank either side of the pipe end. 6" tree growing over pipe. No delineator.

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GARDINER

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: **100.41 NB**

INSPECTION DATE: **05/15/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **5127+00**
Size: **42"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

End of pipe is rotten. 1/3 of bottom rotted away. Asphalt coating beginning to wear. 1st section is CMP, the rest is RCP. partial delineator. Pipe is approximately 1/4 full of water. Beaver present may building a dam inside the culvert.

MILE: **100.41 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5127+00**
Size: **42"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

First joint is open. Minor erosion at ends of WWs. pipe 1/4 full of water. No sag in barrel. No red delineator.

MILE: **101 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5160+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	11
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe buried under vegetation, uninspectable. No delineator.

MILE: **101 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5160+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe completely submerged. sinkholes above pipe exposing pipe. no delineator.

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HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: **101.3 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5173+57**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	7		

CMP outlet - flared end separated. Pipe 3/4 full of water and 1/4 full of silt. erosion both sides and above pipe. No delineator.

MILE: **101.3 NB**

INSPECTION DATE: **05/22/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5173+57**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

CMP outlet - flared end separated and corroded. Pipe completely corroded, lower 1/2 for several feet, pipe 1/2 full of water. large sinkholes above pipe and erosion on the south side. No delineator.

MILE: **101.6 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5185+28**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - flared end separated and down stream. erosion both sides of the pipe. pipe invert completely corroded and gone. no access to inspect pipe. no delineator.

MILE: **101.6 NB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5185+28**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	9		

CMP outlet - pipe submerged, uninspectable. No delineator.

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SECTION: 7

PIPE CULVERT

MILE: **101.8 NB**

INSPECTION DATE: **05/22/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5196+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

CMP outlet - pipe completely corroded at flow line for several feet. eroded under the pipe. No delineator.

MILE: **101.8 SB**

INSPECTION DATE: **05/22/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5196+00**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

12" RCP outlet with 8" damaged CMP next to it. No delineator.

MILE: **101.9 NB**

INSPECTION DATE: **05/22/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5198+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

CMP outlet - invert crowded with wetland vegetation. no delineator

MILE: **101.9 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5198+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

CMP outlet - pipe corroded at invert. minor erosion under pipe invert. no delineator.

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SECTION: 7

PIPE CULVERT

MILE: 102.2 NB

INSPECTION DATE: 05/22/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5218+30
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	6
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	6		

outlet beyond old ramp. Pipe 1/2 full of water and 1/4 full of sediment.

MILE: 102.2 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5218+30
Size: 30"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - flared end bottom completely rusted out. pipe rusted out lower 1/2. no access to inspect pipe. no delineator.

MILE: 102.25 NB

INSPECTION DATE: 05/22/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5221+80
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	9		

Lift hole not plugged. Vegetation in ditch up from inlet. No red delineator.

MILE: 102.25 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5221+80
Size: 42"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

No red delineator or guardrail.

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SECTION: 7

PIPE CULVERT

MILE: **102.8 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5248+35**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	7		

pipe 1/2 full of water , 1/4 full of sediments. no delineator.

MILE: **102.8 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5248+35**
Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

pipe 2/3 full of water, 1/4 full of silt. inlet swale overgrown with wetland vegetation.

MILE: **102.9 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5254+89**
Size: **24"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

could not locate the pipe

MILE: **102.9 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5254+89**
Size: **24"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

could not locate pipe

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SECTION: 7

PIPE CULVERT

MILE: 102.95 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5260+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

Barrel 1/2 full of silt and 1/2 full water. Minor chips on HDWL and barrel. Pad covered w/silt and veg. No guardrail, 12' from eop.

MILE: 102.95 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5260+00
Size: 36"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	8	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Barrel 1/3 full of water. Lift hole not plugged.

MILE: 103 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5268+70
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	8		

pipe 1/2 full of water and 1/4 full of sediment. Intlet overgrown with vegetation.

MILE: 103 SB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5268+70
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

pipe completely submerged/buried.

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SECTION: 7

PIPE CULVERT

MILE: 103.6 SB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5292+70
Size: 24"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

pipe completely submerged, not visible but delineator at location.

MILE: 103.6 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5292+70
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	9		

CMP outlet - end of the pipe crushed, pipe 1/2 full of standing water. Unable to inspect inside of the pipe due to standing water.

MILE: 103.7 SB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5296+00
Size: 24"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

pipe completely submerged, not visible but delineator at location.

MILE: 103.7 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5296+00
Size: 24"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

pipe completely submerged, not visible but delineator at location.

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SECTION: 7

PIPE CULVERT

MILE: **103.9 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5311+50**
Size: **48"**

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Minor chips on WWs and hdwl. Spalling ad scaling of walls and pipe barrel. No red delineator.

MILE: **103.9 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5311+48**
Size: **48"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

1st & 2nd jt. separated 4". Minor spalling on hdwl & WWs. Crack in north WW. 18" of water in the barrel and apron. Hdwl & WWs have minor erosion at waterline. No red delineator.

MILE: **104.2 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5327+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe completely buried. major erosion and sink holes above pipe approximatley 3' from EOP.

MILE: **104.2 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5327+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	5		

CMP outlet - pipe completely buried and under water, 90% full of sediment. No delineator.

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SECTION: 7

PIPE CULVERT

MILE: **104.8 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5354+00**
Size: **24"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Unable to locate

MILE: **104.8 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5354+00**
Size: **24"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Completely submerged. Located with a shovel. No delineator.

MILE: **105.2 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5379+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe submerged and 1/2 full of sediment. chain link fence at inlet building up debris.
No delineator.

MILE: **105.2 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5379+00**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	13		

CMP outlet - Pipe submerged, end curled up, not able to inspect.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: 105.6 SB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5398+00
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - Pipe 90% full or water and vegetation. erosion around both side of pipe for 5'. unable to inspect due to damage of the pipe end. No delineator.

MILE: 105.6 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5398+00
Size: 24"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe submerged over a foot. No delineator.

MILE: 106.3 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5435+06
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

CMP outlet - pipe 1/3 full or water and sediment/vegetation. uninspectable due to poison ivy. No delineator.

MILE: 106.3 SB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5435+06
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

CMP outlet - Pipe 1/2 full of water and 1/4 of sediment. invert of pipe completely rusted out. several 2' deep sinkholes above pipe 1-5' from eop 2-15' from EOP. Unable to inspect the interior of the pipe due to poison ivy.

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Inspection Field Report

HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: **106.4 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5440+65**
Size: **24"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe completely buried but found with a shovel. No delineator.

MILE: **106.4 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5440+65**
Size: **24"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	8		

CMP outlet - flared end separated from pipe. Pipe end overgrown with vegetation. Unable to see thru the pipe.

MILE: **106.7 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5456+00**
Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe completely buried and could not locate with a shovel. Delineator present.

MILE: **106.7 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5456+00**
Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Pipe completely buried and unable to locate. Delineator present.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: 107.4 SB

INSPECTION DATE: 05/21/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5490+07
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	13		
5. - Silt	8		

CMP outlet - riprap partially blocking inlet. unable to see thru the entire pipe. No delineator.

MILE: 107.4 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5490+07
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	8		

CMP outlet - inlet full of vegetation. no delineator.

MILE: 108 NB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5523+85
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - pipe submerged 10". inlet overgrown with vegetation. erosion around south side of inlet. no delineator.

MILE: 108 SB

INSPECTION DATE: 05/20/2013

INSPECTOR(S): HME TH

Type: RCP Station: 5523+85
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	13		

CMP outlet - inlet overgrown with vegetation. unable to locate pipe invert. no delineator.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: **108.2 NB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **5532+70**
Size: **42"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	8		

Metal pipe is inserted in old head wall setup. Small sink hole above pipe. Pipe end is crushed about 12" and rusted out. vegetation overgrown on hdwl and ww's making the pipe uninsectable. apron completely covered in vegetation. No red delineator. No guardrail. Vegetation in ditch.

MILE: **108.2 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5532+69**
Size: **42"**

1. Headwalls - Cracks	7		
2. - Movement	8	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	9		

Concrete deteriorated between barrel & pad with spalling at base of WW. Second joint has separated 6". Sinkholes above pipe 3' deep. unable to inspect. heavily vegetation and overgrown over hdwl. outlet blocked with woody debris 20' from outlet. No red delineator.

MILE: **108.5 NB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5550+95**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	13	7. - Erosion	9
4. - Settlement	13		
5. - Silt	8		

HDPE inlet - steep riprap slopes into a 5' deep hole to invert, 15' from eop. rock at inlet swale higher then invert. pipe appears to be 1/4 of rocks. unable to see thru pipe, appears to dip in the first section. debris fence prior to inlet with PVC pipe under the middle. no delineator.

MILE: **108.5 SB**

INSPECTION DATE: **05/20/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5550+95**
Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	7
3. Barrel - Joints	13	7. - Erosion	7
4. - Settlement	13		
5. - Silt	8		

HDPE outlet - riprap slopes into a hole to outlet, 18' from eop. unable to see thru pipe. pipe 1/2 full of water and 1/4 full of sediment. outlet swale full of riprap and sediment. ditch banks leading to wetland are all eroded. silt pile blocking water downstream. no delineator.

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 7

PIPE CULVERT

MILE: **108.9 NB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5569+00**
Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

found pipe with shovel but completely buried, unable to see. no delineator.

MILE: **108.9 SB**

INSPECTION DATE: **05/21/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **5569+00**
Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

found pipe with shovel but completely submerged, unable to see. no delineator.

FALMOUTH SPUR

MILE FS 0.0 to MILE FS 3.7

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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 8

PIPE CULVERT

MILE: **0.37 Falmouth Spur - EB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **15+50**
Size: **36"**

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	8		
5. - Silt	9		

Heavy veg. growth in ditch and over hdwl & WWs. Silt and veg. on conc. pad between WWs.
No red delineator.

MILE: **0.37 Falmouth Spur - WB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **15+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	5	7. - Erosion	5
4. - Settlement	13		
5. - Silt	13		

(Outlet is located approx. 200' out in woods at bottom of ravine, follow channel thru woods from rr bed) End section of pipe is separated and buried under rocks from slope failure. Major sinkholes on the slope above.

MILE: **0.4 Falmouth Spur - WB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **CMP** Station: **17+50**
Size: **36"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	11	7. - Erosion	6
4. - Settlement	8		
5. - Silt	9		

(Outlet is located approx. 200' out in woods at bottom of ravine) Erosion around pipe and banks.
Pipe rotted w/holes. CMP spreader end section separated from rest of pipe. End section extremely rusty and deteriorated

MILE: **0.47 Falmouth Spur - EB**

INSPECTION DATE: **05/14/2013**

INSPECTOR(S): **HME TH**

Type: **RCP** Station: **21+00**
Size: **36"**

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	6
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	7		
5. - Silt	9		

2nd section settled. Heavy veg. around hdwl. Rocks on conc. pad. Both WWs spalled at end.
No red delineator.

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Inspection Field Report

HNTB Corporation

SECTION: 8

PIPE CULVERT

MILE: **0.56 EB**

INSPECTION DATE: **05/13/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **29+50**
Size: **24"**

1. Headwalls - Cracks **11**
2. - Movement **11**
3. Barrel - Joints **13**
4. - Settlement **13**
5. - Silt **13**

6. Ditches - Silt **8**
7. - Erosion **8**

MILE: **0.56 WB**

INSPECTION DATE: **05/16/2014**

INSPECTOR(S): **CAH CAH**

Type: **RCP** Station: **26+70**
Size: **24"**

1. Headwalls - Cracks **13**
2. - Movement **13**
3. Barrel - Joints **13**
4. - Settlement **13**
5. - Silt **13**

6. Ditches - Silt **13**
7. - Erosion **13**

Not usable, barrel in rip-rap.

MILE: **0.64 EB**

INSPECTION DATE: **05/13/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **33+90**
Size: **18"**

1. Headwalls - Cracks **11**
2. - Movement **11**
3. Barrel - Joints **13**
4. - Settlement **13**
5. - Silt **13**

6. Ditches - Silt **8**
7. - Erosion **8**

MILE: **0.64 WB**

INSPECTION DATE: **05/16/2014**

INSPECTOR(S): **TH CAH**

Type: **RCP** Station: **34+10**
Size: **18"**

1. Headwalls - Cracks **7**
2. - Movement **7**
3. Barrel - Joints **13**
4. - Settlement **13**
5. - Silt **13**

6. Ditches - Silt **7**
7. - Erosion **7**

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HNTB Corporation

SECTION: 8

PIPE CULVERT

MILE: 0.95 Falmouth Spur - EB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 40+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Minor silt/debris at inlets. Sinkhole above hdwl. Scour at base of west wing wall & hdwl. 1st few jnts open 4-5". Rocks and debris on apron. No red delineator.

MILE: 1.01 Falmouth Spur - WB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 40+70
Size: 36"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	6	7. - Erosion	7
4. - Settlement	8		
5. - Silt	9		

Erosion behind both WWs & HDWL. First and second joint separated 8". 24" drop off from pad to waterline, erosion at outlet flow line. Minor headwall spall. 6" undermining of end slab. No red delineator.

MILE: 2 WB

INSPECTION DATE: 05/16/2014

INSPECTOR(S): TH CAH

Type: RCP Station: 98+00
Size: 24

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	7		

Metal flare end in good shape.

MILE: 2 EB

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 98+00
Size: 24

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	5		

1/2 full water/sediment. Overgrown with vegetation @ pipe end

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HNTB Corporation

SECTION: 8

PIPE CULVERT

MILE: **2.15 EB**

INSPECTION DATE: **05/13/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **113+72**

Size: **18"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

MILE: **2.15 WB**

INSPECTION DATE: **05/16/2014**

INSPECTOR(S): **CAH TH**

Type: **RCP** Station: **113+72**

Size: **18"**

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	5
3. Barrel - Joints	6	7. - Erosion	8
4. - Settlement	6		
5. - Silt	6		

Flared end gone, tree taken over outlet

MILE: **2.18 EB**

INSPECTION DATE: **05/13/2014**

INSPECTOR(S): **GAB CAH**

Type: **RCP** Station: **117+84**

Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	9	7. - Erosion	9
4. - Settlement	9		
5. - Silt	9		

MILE: **2.18 WB**

INSPECTION DATE: **06/12/2014**

INSPECTOR(S): **HME MHP**

Type: **RCP** Station: **117+84**

Size: **30"**

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	8
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	8		
5. - Silt	8		

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

SECTION: 8

PIPE CULVERT

MILE: 2.32 WB

INSPECTION DATE: 05/16/2014

INSPECTOR(S): CAH TH

Type: RCP Station: 122+25
Size: 24"

1. Headwalls - Cracks	8		
2. - Movement	8	6. Ditches - Silt	6
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	7		
5. - Silt	6		

MILE: 2.32 EB

INSPECTION DATE: 05/13/2014

INSPECTOR(S): GAB CAH

Type: RCP Station: 122+25
Size: 24"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	9
3. Barrel - Joints	8	7. - Erosion	9
4. - Settlement	8		
5. - Silt	8		

MILE: 2.63 EB

INSPECTION DATE: 06/12/2014

INSPECTOR(S): HME MHP

Type: RCP Station: 139+00
Size: 18"

1. Headwalls - Cracks	11		
2. - Movement	11	6. Ditches - Silt	5
3. Barrel - Joints	13	7. - Erosion	8
4. - Settlement	13		
5. - Silt	5		

MILE: 2.63 WB

INSPECTION DATE: 05/16/2014

INSPECTOR(S): CAH TH

Type: RCP Station: 139+00
Size: 18"

1. Headwalls - Cracks	13		
2. - Movement	13	6. Ditches - Silt	13
3. Barrel - Joints	13	7. - Erosion	13
4. - Settlement	13		
5. - Silt	13		

Buried, not visible

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Inspection Field Report

HNTB Corporation

SECTION: 8

PIPE CULVERT

MILE: 3.16 Falmouth Spur - EB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 155+00
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	7
3. Barrel - Joints	7	7. - Erosion	7
4. - Settlement	9		
5. - Silt	9		

veg on 1/2 conc. pad. First joint is open. WW's spalled at ends. Approximately 10' east of median CB outlet pipe. Scour behind west WW. No red delineator.

MILE: 3.16 Falmouth Spur - WB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 155+10
Size: 36"

1. Headwalls - Cracks	8		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	9		
5. - Silt	8		

Silt on concrete pad. 4" joint separation btw section 1 and 2. Erosion behind E WW. No red delineator.

MILE: 3.4 Falmouth Spur - WB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 173+50
Size: 48"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	8
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Section of hdwl at flow line is gone. Erosion at tip of W WW. Rocks on pad. Joints at flow line have eroded. 5" separation at joints near flow line. Trees above (in back of) headwall. Spalling of headwall. No red delineator.

MILE: 3.4 Falmouth Spur - EB

INSPECTION DATE: 05/14/2013

INSPECTOR(S): HME TH

Type: RCP Station: 174+00
Size: 48"

1. Headwalls - Cracks	7		
2. - Movement	9	6. Ditches - Silt	9
3. Barrel - Joints	7	7. - Erosion	8
4. - Settlement	9		
5. - Silt	9		

Some deterioration at ends of both WWs w/re-steel. Spall at headwall. Minor silt in pipe and on pad. Minor erosion at bottom of E and W. WW. No red delineator. Holes in wingwalls developing at old tie back locations, at waterline.

Chapter J

Drainage – Interchanges

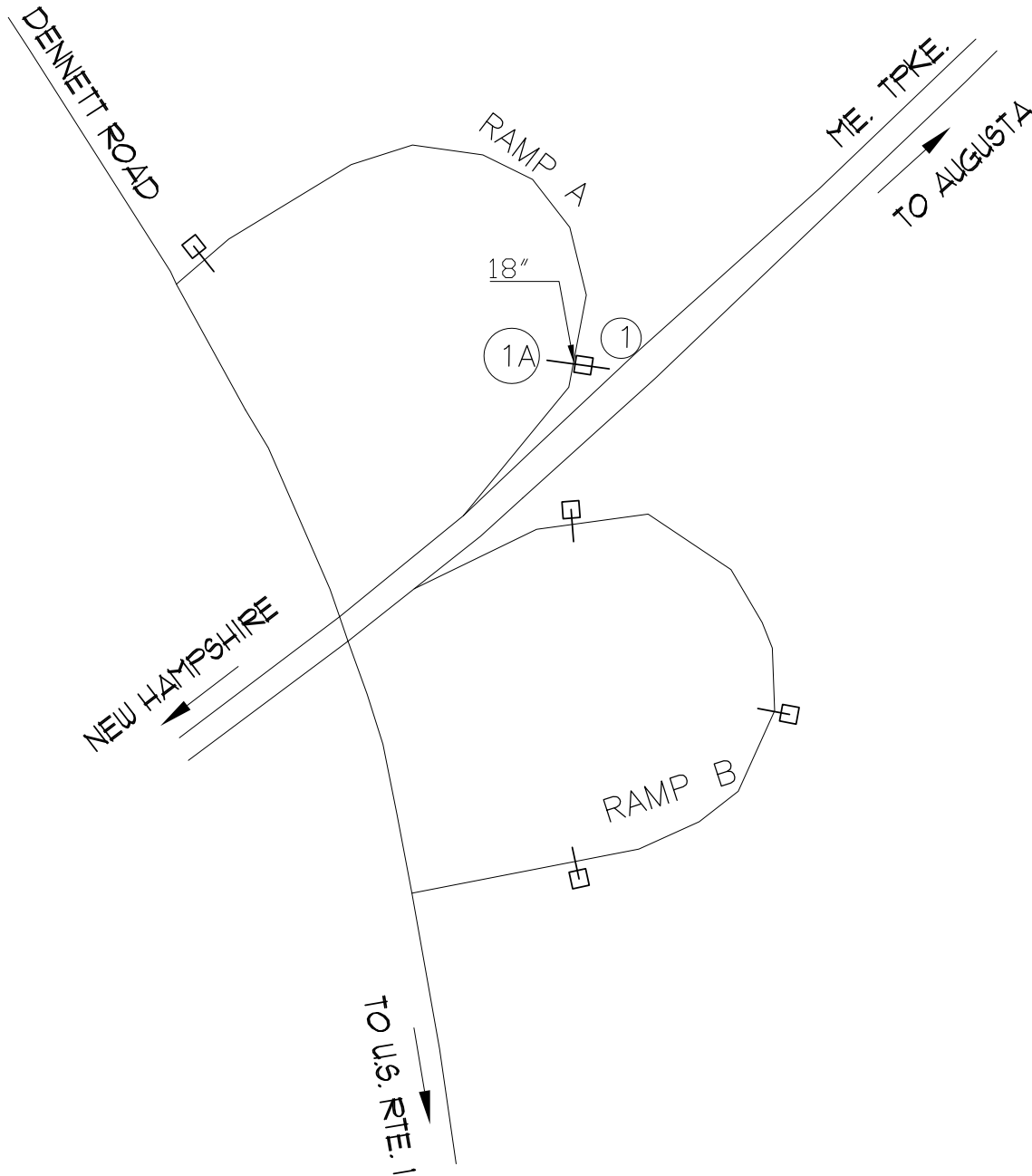
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YORK

MILE 0.3 to MILE 20.0

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INSPECTORS: SB/MPA
INSPECTION DATE: 06/03/15



Maine Turnpike Authority Maine Turnpike	
	INTERCHANGE PIPE CULVERTS DENNET ROAD KITTERY/ELLIOT EXIT 1
HNTB Engineers Architects Planners	
Contract 2015	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 1

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe **Pipe 1**
Type: **RCP**
Size: **18**
INSPECTION DATE: **06/04/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	5		

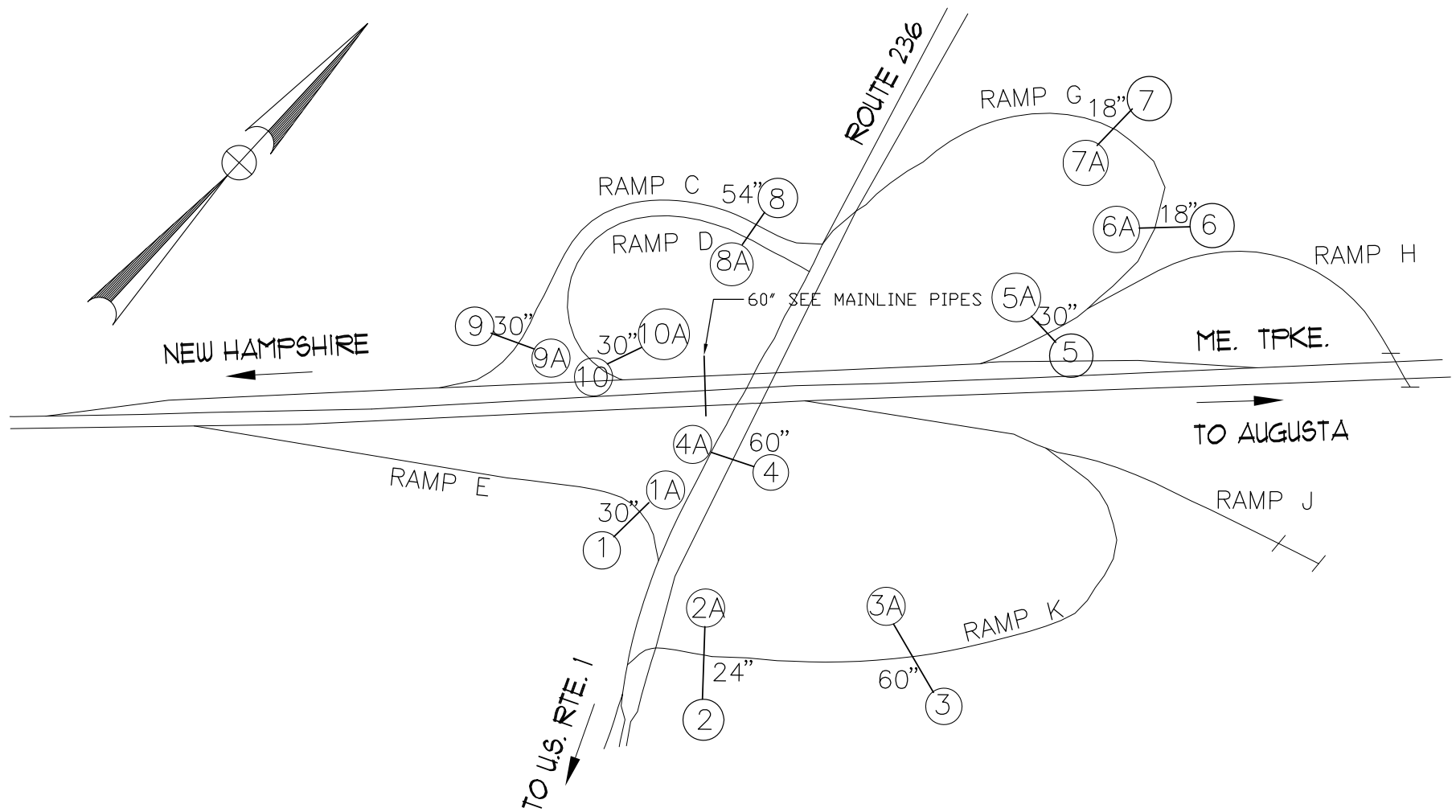
Minor spalling on pipe end. Heavy sedimentation in barrel & ditch. Heavy vegetation & fallen trees over pipe - possible hazard.

Pipe **Pipe 1A**
Type: **RCP**
Size: **18**
INSPECTION DATE: **06/04/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Minor spall on pipe end w/ exp. reinforcement. Inlet to CB, no flow. Some debris in barrel. CB is settling.

INTERCHANGE PIPE CULVERT



INSPECTORS: SB/MPA
 INSPECTION DATE: 06/03/15

Maine Turnpike Authority Maine Turnpike	
	INTERCHANGE PIPE CULVERTS ROUTE 236 KITTERY EXIT 2/3
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 1 of 1

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 2

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe	Pipe 6	INSPECTION DATE: 06/03/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	9		

Spall at top of pipe rim w/ exp. reinforcement & HL cracking. Pipe & ditch dry: inlet to CB.

Pipe	Pipe 5	INSPECTION DATE: 06/03/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	7		

Barrel 1/3 full of water & 3" of silt. Minor sinkholes E. & W. of pipe end. Exposed reinforcement around pipe rim.

Pipe	Pipe 5A	INSPECTION DATE: 06/03/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	8		

Minor erosion W. of pipe end. 1" of silt in barrel.

Pipe	Pipe 8A	INSPECTION DATE: 06/03/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	54		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

Minor spalls & cracking on rim w/ exp. reinforcement. Steady flow at outlet.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 2

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe **Pipe 1**
Type: **RCP**
Size: **30**
INSPECTION DATE: **06/04/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

Top of pipe spalled w/ exp. reinforcement. Overgrown vegetation surrounding pipe end. Inlet w/ steady flow.

Pipe **Pipe 10**
Type: **RCP**
Size: **30**
INSPECTION DATE: **06/03/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	8		
5. - Silt	8		

Spall on top of pipe rim w/ exp. reinforcement. Inlet to DI.

Pipe **Pipe 1A**
Type: **RCP**
Size: **30**
INSPECTION DATE: **06/04/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	8		

Outlet w/ steady flow. 6" gap w/ stone & soil fallout at first JT. Stones & sediment accumulated in first pipe section.

Pipe **Pipe 7A**
Type: **RCP**
Size: **18**
INSPECTION DATE: **06/03/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	10	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Spalls on rim of pipe end w/ exp. reinforcement. 2" of silt in barrel & 1/2 full of water.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 2

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe	Pipe 7	INSPECTION DATE: 06/03/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	5		

Pipe end mostly buried. Barrel filled 75% w/ silt & 90% submerged in water.

Pipe	Pipe 8	INSPECTION DATE: 06/03/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	54		
1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	6		

Steel posts at inlet w/ moderate silty debris buildup. Steady flow. Signs of beaver activity.

Pipe	Pipe 9	INSPECTION DATE: 06/04/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Pipe end moderately spalled; broken piece of conc. still attached by reinforcement. Barrel is 1/4 full of water & silty debris w/ vegetation growth inside pipe.

Pipe	Pipe 9A	INSPECTION DATE: 06/04/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	6		

Exp. reinforcement on pipe rim. Barrel is half full of water & silty debris.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 2

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe **Pipe 6A**
Type: **RCP**
Size: **18**
INSPECTION DATE: **06/03/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

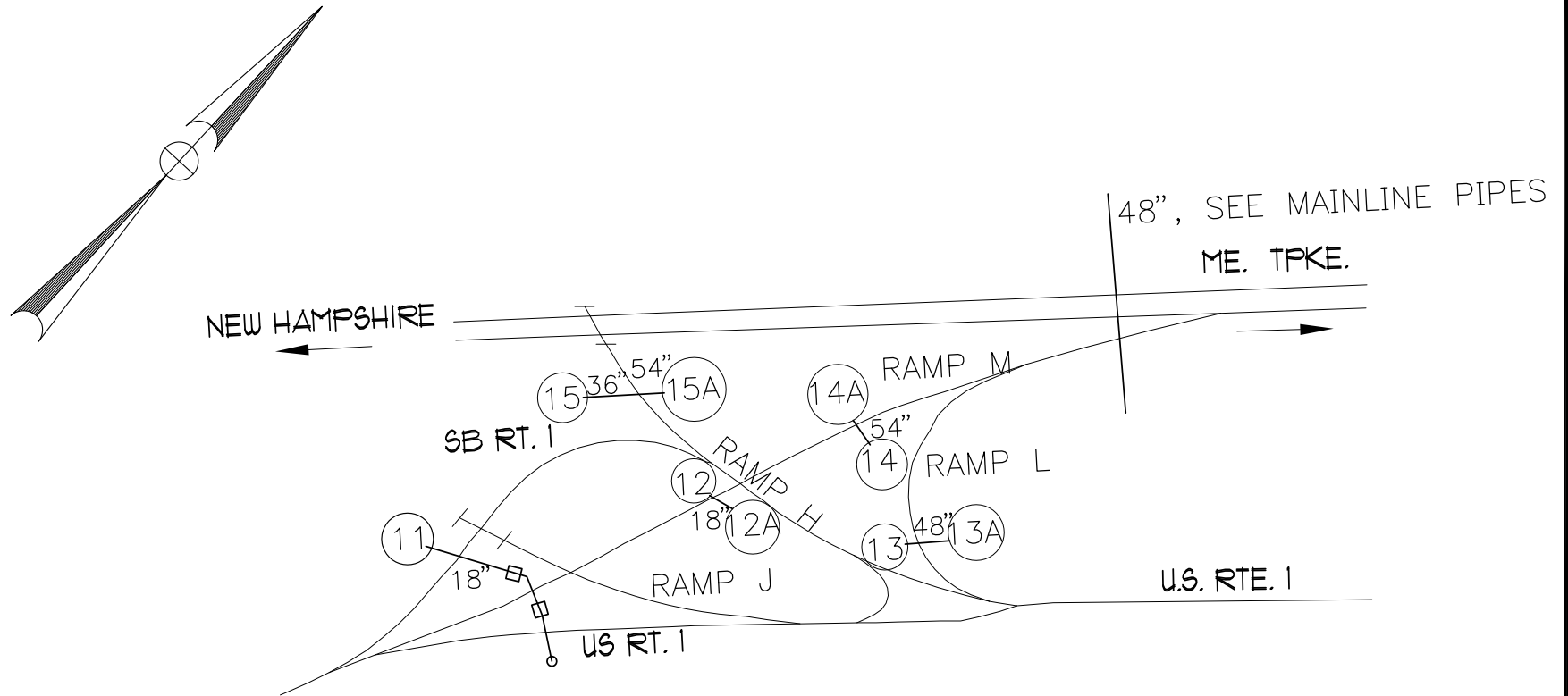
Top of pipe rim spalled w/ exp. reinforcement. Outlet from CB.

Pipe **Pipe 10A**
Type: **RCP**
Size: **30**
INSPECTION DATE: **06/03/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

Exposed reinforcement on pipe rim. Outlet from DI.

INTERCHANGE PIPE CULVERT



INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/03/016

Maine Turnpike Authority Maine Turnpike	
	INTERCHANGE PIPE CULVERTS ROUTE 1 KITTERY EXIT 3
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 3

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe **Pipe 13**
Type: **RCP**
Size: **48**
INSPECTION DATE: **06/10/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	7		

Heavy vegetation overgrowth & debris at inlet. Possible settlement under ramp.

Pipe **Pipe 13A**
Type: **RCP**
Size: **48**
INSPECTION DATE: **06/10/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	8	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	7		

48" RCP outlet w/ headwall & wingwalls. Small trees growing behind headwall.

Pipe **Pipe 2A**
Type: **RCP**
Size: **24**
INSPECTION DATE: **06/04/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	8		
5. - Silt	7		

Top of pipe end spalled w/ exp. reinforcement. Barrel 1/3 filled w/ silty debris. Minor erosion up slope of pipe.

Pipe **Pipe 12**
Type: **RCP**
Size: **18**
INSPECTION DATE: **06/10/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Minor spall on top of pipe end. Barrel 1/3 full of silt.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 3

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe	Pipe 15	INSPECTION DATE: 06/10/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	36		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	7		
5. - Silt	8		

Inlet. First JT misaligned. Possible settlement under ramp.

Pipe	Pipe 14A	INSPECTION DATE: 06/10/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	54		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	8		

Dropoff into inlet. 6" gap at first JT. Vegetation overgrowth around pipe end. Large rock at midpoint.

Pipe	Pipe 4	INSPECTION DATE: 05/03/2016	
Type:	RCP	INSPECTOR(S): CDH PDB	
Size:	60		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	6		
5. - Silt	8		

Outlet. 6" gap at first JT. Significant settlement about 1/3 of the way in w/ possible separation & fallout at approx. 8th JT. in.

Pipe	Pipe 11	INSPECTION DATE: 06/10/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

INTERCHANGE PIPE CULVERT

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 3

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe	Pipe 12A	INSPECTION DATE: 06/10/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	6		

Minor spall on top of pipe end w/ exp. reinforcement. Barrel 1/2 full of silt.

Pipe	Pipe 3	INSPECTION DATE: 05/03/2016	
Type:	RCP	INSPECTOR(S): CDH PDB	
Size:	60		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	8		
5. - Silt	8		

Incipient spall on N. side of pipe rim. 6" gap at first JT with gravel exposed. 3" gap at second JT w/ some fallout. Steady flow at outlet. Sink hole above pipe.

Pipe	Pipe 14	INSPECTION DATE: 06/10/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	54		
1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	8	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	8		

54" RCP w/ headwalls & wingwalls. Headwall spalling on top and at waterline. Both wingwall ends spalling. 6" gap at first pipe JT, 3" gap at second JT. Steady flow.

Pipe	Pipe 15A	INSPECTION DATE: 06/10/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	54		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	8		
5. - Silt	8		

Rock build up at outlet & at 3rd pipe segment in. First JT separated w/ 2" gap visible from above. Transitions to 54" from 36" of South side; no structure found.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 3

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe	Pipe 4A	INSPECTION DATE: 05/03/2016
Type:	RCP	INSPECTOR(S): CDH PDB
Size:	60	

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	7		
5. - Silt	8		

Minor spall w/ exp. reinforcement at bottom of pipe end. 3-4" separation at first 1 JT. Steady flow at inlet. 2nd joint completely seperated with earthwok coming through. Exposed rebar at 2nd joint.

Pipe	Pipe 3A	INSPECTION DATE: 05/03/2016
Type:	RCP	INSPECTOR(S): CDH PDB
Size:	60	

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	8		
5. - Silt	8		

6" gap at first 2 JT's. Steady flow at inlet.

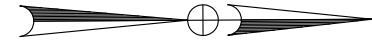
Pipe	Pipe 2	INSPECTION DATE: 06/04/2015
Type:	RCP	INSPECTOR(S): SB MPA
Size:	24	

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Top of pipe spalled w/ exp. reinforcement.

INTERCHANGE PIPE CULVERT

INSPECTORS: HME/TMH
INSPECTION DATE: 5/28/13



TO YORK
MAINTENANCE
AREA

CHASES POND RD.

TO KITTERY

SEE
MAINLINE
PIPES

ME. TPKE.

TO AUGUSTA

POND RD.

CHASES

1A

36"


1

TO U.S. RTE 1

2A

36"

2

Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	INTERCHANGE PIPE CULVERTS CHASES POND ROAD INTERCHANGE 7
HNTB Engineers Architects Planners	
Contract 2013	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 7

INTERCHANGE PIPE CULVERT

SECTION: 1

Pipe **1A** INSPECTION DATE: **05/28/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

(Located on west side of Chase Pond Road northbound off-ramp (close to Chase Pond Road)doen in the heavy brush). Pipe end has some spalls w/ rebar exposed, spicket end not the pipe barrel. No red delineator.

Pipe **1** INSPECTION DATE: **05/28/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

(Located on east side of Chase Pond Road northbound off-ramp (Close to Chase Pond Road)). Pipe end has spalls with rebar exposed. Slight erosion at inlet. Vegetation in channel. No red delineator.

Pipe **2A** INSPECTION DATE: **05/28/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

(Located on west side of the Chase Pond Road southbound on-ramp). Riprap on each side of pipe end. No red delineator.

Pipe **2** INSPECTION DATE: **05/28/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

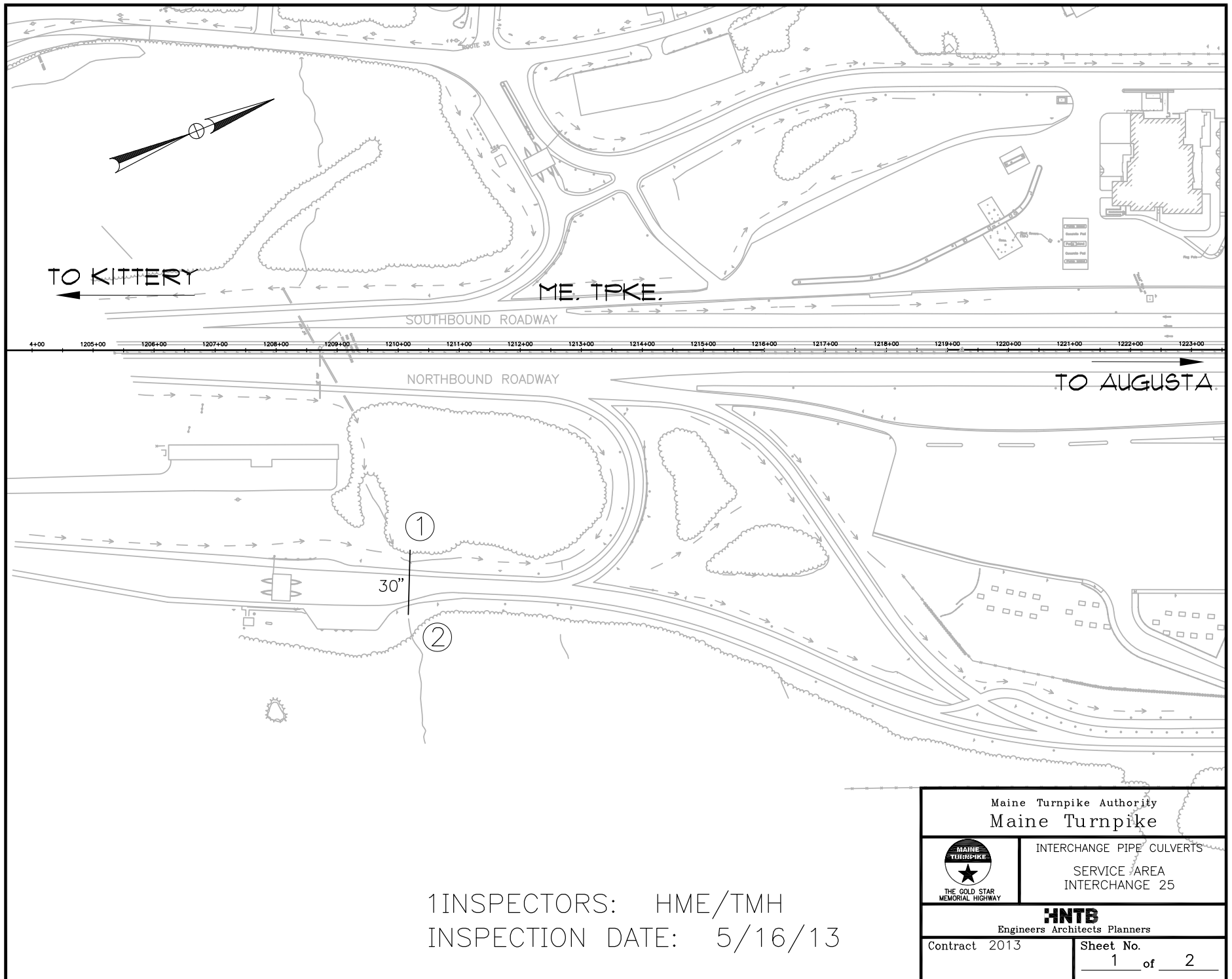
(Located on east side of the Chase pond Road southbound on-ramp). Dead debris (branches & leaves) at inlet. Pipe end blocked w/ trees, bushes, and thicket of multi-flora rose. No red delineator.

INTERCHANGE PIPE CULVERT

KENNEBUNK

MILE 20.0 to MILE 38.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 25

INTERCHANGE PIPE CULVERT

SECTION: 2

Pipe **2** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

(Located just north of the Northbound toll plaza, east side). Barrel end spalled. No red delineator.

Pipe **1** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

(Located just north of the Northbound toll plaza, west side). Minor rusting of rebar at pipe end. No red delineator.

Pipe **19** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	8		
5. - Silt	8		

(Located east of the diesel fuel pumps, south side of on ramp). 1/2 full of water. 6" silt and riprap in the end of barrel. Lift hole not plugged. No red delineator.

Pipe **17** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	8		
5. - Silt	8		

(Located east of the diesel fuel pumps, outlet from under the parking area). Seven (7") inches of silt and leaves in pipe. 1/2 full of water. No red delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 25

INTERCHANGE PIPE CULVERT

SECTION: 2

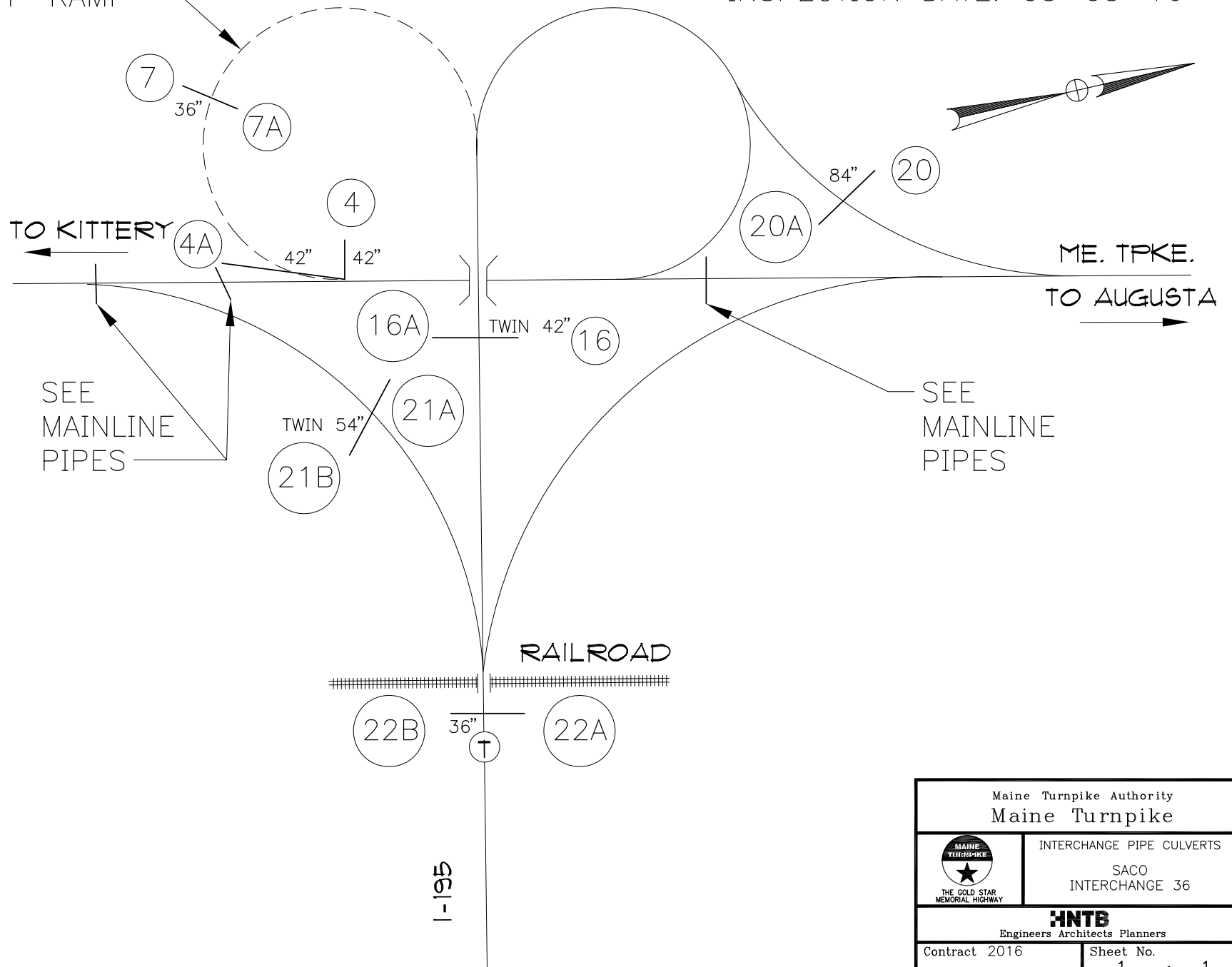
Pipe	18	INSPECTION DATE: 05/17/2013	
Type:	RCP	INSPECTOR(S): HME TH	
Size:	36"		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	8		
5. - Silt	8		

(Located east of the diesel fuel pumps, north side of on ramp). 1/2 full of water, 6" of silt. Ditch full of vegetation, rock dams in place. No red delineator.

INTERCHANGE PIPE CULVERT

OLD SB
OFF-RAMP

INSPECTORS: CDH/PDB
INSPECTION DATE: 05-03-16



Maine Turnpike Authority
Maine Turnpike



INTERCHANGE PIPE CULVERTS
SACO
INTERCHANGE 36

HNTB

Engineers Architects Planners

Contract 2016

Sheet No.

1 of 1

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 36

INTERCHANGE PIPE CULVERT

SECTION: 2

Pipe **7A N side** INSPECTION DATE: **05/17/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	9		
5. - Silt	7		

(Located on northerly side of former Saco southbound off-ramp, approx. half way along the length of the ramp). 6" of silt in pipe. 1/2 full of water. No red delineator.

Pipe **21B S side** INSPECTION DATE: **05/17/2013**
 Type: **ACCOMP** INSPECTOR(S): **HME TH**
 Size: **2-54"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	9		
5. - Silt	9		

(Located on the southerly side of the Saco northbound off-ramp, approx. mid length). Point bar between barrel outlets, with small growth. First 6' of asphalt worn off barrel. Erosion 6'x30' S side of barrel. Pipes are oval shaped (48"w by 58"h+/-) No red delineator.

Pipe **22A N side** INSPECTION DATE: **05/17/2013**
 Type: **CMP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	7
3. Barrel - Joints	11		
4. - Settlement	8		
5. - Silt	9		

(Located just before toll). Settlement around and above pipe inlet. 6" birch on the top of the pipe. Minor sag. Rocks in channel at inlet. No red delineator.

Pipe **4A W side** INSPECTION DATE: **05/17/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **42"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	8		

(Located south of bridge, on south-east side of former Saco southbound off-ramp near the former gore area). Broken lip and minor spalls on pipe end with rebar showing. Riprap around pipe outlet with vegetation in channel. No red delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 36

INTERCHANGE PIPE CULVERT

SECTION: 2

Pipe **16 N side** INSPECTION DATE: **05/17/2013**
 Type: **ACCOMP** INSPECTOR(S): **HME TH**
 Size: **2-42"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	8		
5. - Silt	9		

(Located on the north side of I-195 (northbound side of Tpke, east of bridge)). 1st 4 feet exposed on top of the culvert. Asphalt coating wearing off. Point bar between barrel is partially \ blocking W. pipe. Trees growing between pipes. Minor vegetation collecting on top of and in front of inlet, due to high flow condition. No red delineator.

Pipe **7 S side** INSPECTION DATE: **05/17/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	8		
4. - Settlement	9		
5. - Silt	8		

(Located south of the former Saco southbound off-ramp, approx. half way along the length). Vegetation in channel at inlet. No red delineator.

Pipe **22B S side** INSPECTION DATE: **05/17/2013**
 Type: **CMP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	7		
5. - Silt	8		

(Located just before toll). 15'x15' sinkhole located 50' before pipe end, pipe exposed. Minor erosion at end of pipe. One foot by 18" hole in the pipe at the sinkhole Downslope from the Rte 112 sign. No red delineator.

Pipe **20 W side** INSPECTION DATE: **05/03/2016**
 Type: **RCP** INSPECTOR(S): **CDH PDB**
 Size: **84"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

SB off ramp: 1" silt in pipe & ditch.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 36

INTERCHANGE PIPE CULVERT

SECTION: 2

Pipe	20A E side	INSPECTION DATE: 05/03/2016
Type:	RCP	INSPECTOR(S): CDH PDB
Size:	84"	

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	8		

SB off ramp: 5" silt in pipe and ditch.

Pipe	4 E side	INSPECTION DATE: 05/17/2013
Type:	RCP	INSPECTOR(S): HME TH
Size:	42"	

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located south of bridge, on the north-west side of former Saco southbound off-ramp near the former gore area). Minor erosion on each side of the pipe end. Minor vegetation at inlet. No red delineator.

Pipe	21A N side	INSPECTION DATE: 05/17/2013
Type:	ACCOMP	INSPECTOR(S): HME TH
Size:	2-54"	

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	9		
5. - Silt	9		

(Located on the northerly side of the Saco northbound off-ramp, approx. mid length). Minor drift @ entrance. Pipes are oval shaped. No red delineator. Asphalt coating coming off exposed pipe area.

Pipe	16A S side	INSPECTION DATE: 05/17/2013
Type:	ACCOMP	INSPECTOR(S): HME TH
Size:	2-42"	

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	8		
5. - Silt	9		

(Located on south side of I-195 (northbound side of Tpke, east of bridge)). Point bar between barrels w/tree. Asphalt coating wearing off exterior of both barrels. Slight scour hole at outlet of west barrel. No red delineator.

INTERCHANGE PIPE CULVERT

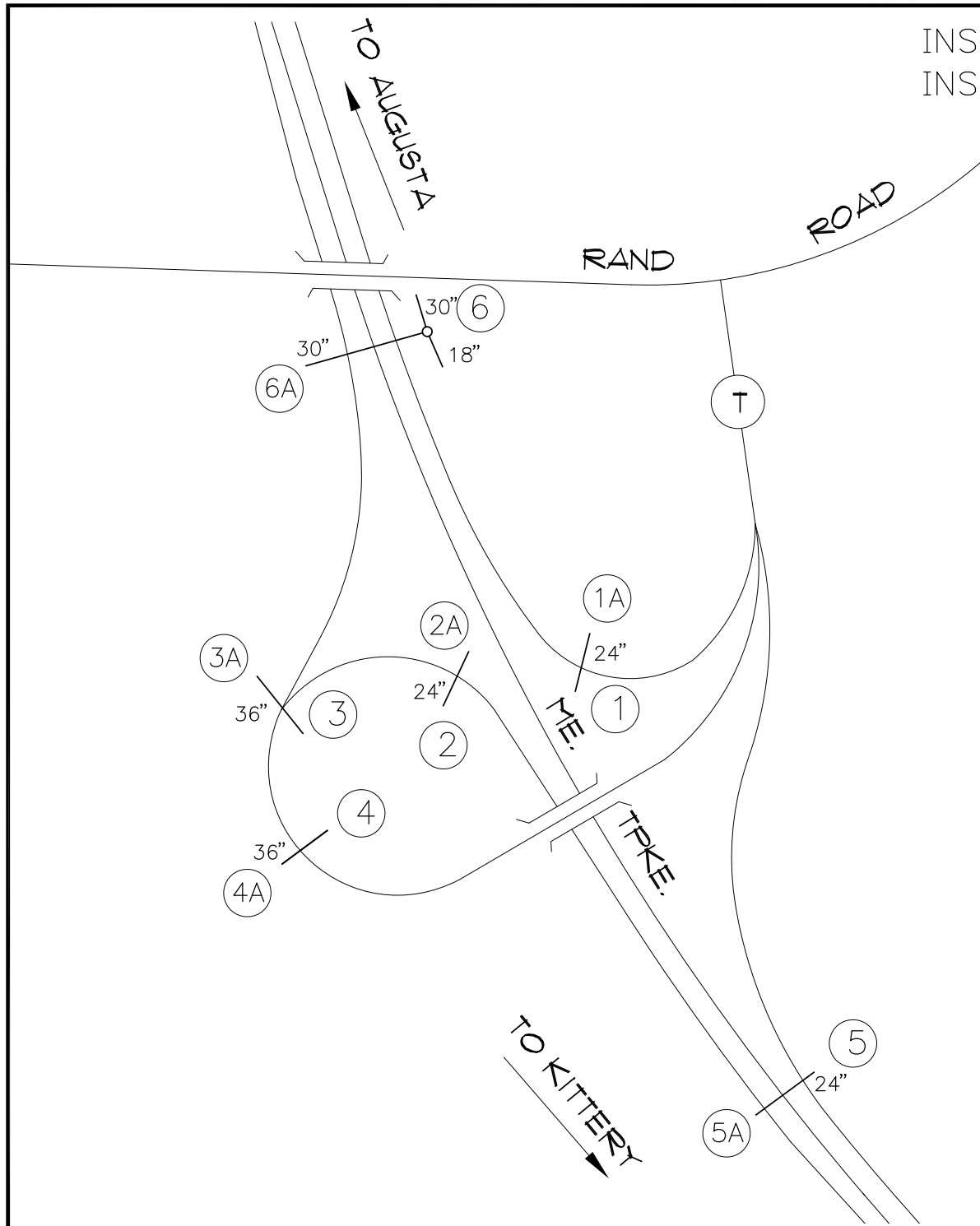
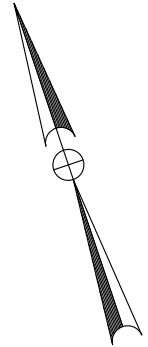
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INSPECTORS: HME/TMH
 INSPECTION DATE: 5/14/13



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HNTB Corporation

INTERCHANGE: 47

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe **2** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **24"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located on the south side of the Rand Rd. southbound on-ramp). Wetland veg. growing at end of pipe.

Pipe **4A** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located west of Rand Rd. southbound off-ramp, west of the bridge). Pipe 1/4 full of water.

Pipe **1** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **24"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located on the south side of the Rand Rd. northbound on-ramp)

Pipe **5** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **24"**

1. Headwalls - Cracks	11	6. Ditches - Silt	13
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

(Located east of the Rand Rd. northbound off-ramp). Pipe end 95% under water. Riprap around pipe end. No red delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 47

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe **3A** INSPECTION DATE: **05/14/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located west of the Rand Rd. southbound off-ramp near the merge area with the southbound on-ramp).

Pipe **5A** INSPECTION DATE: **05/17/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **24"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located west of the Tpke, south of the bridge, near the end of the southbound on-ramp accel. lane).

Pipe **1A** INSPECTION DATE: **05/17/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **24"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located on the north side of the Rand Rd. northbound on-ramp). Wetland veg. growing in ditch. Riprap & vegetation covering 3/4 of pipe end. No red delineator.

Pipe **6A** INSPECTION DATE: **05/14/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	7		
4. - Settlement	9		
5. - Silt	7		

(Located west of the Rand Rd. southbound off-ramp, near the gore with the mainline and south of Connector Rd. bridge). 1st jnt separated 4". pipe 1/4 full of water & 6" of silt. Wetland veg. growing in ditch.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 47

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe **4** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located east of the Rand Rd. southbound on-ramp, west of the bridge). Pipe 1/4 full of water. sinkholes above pipe to within 6' of eop.

Pipe **6** INSPECTION DATE: **05/28/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	8		

(Located east of Rand Rd. northbound on-ramp, south of Connector Rd. bridge). Pipe 1/3 full of water. No red delineator. Pipe goes south to drainage manhole to connect to pipe that goes under the Tpke.

Pipe **2A** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **24"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located on the north side of the Rand Rd. southbound on-ramp). Wetland veg. in ditch. Riprap at pipe end. No red delineator.

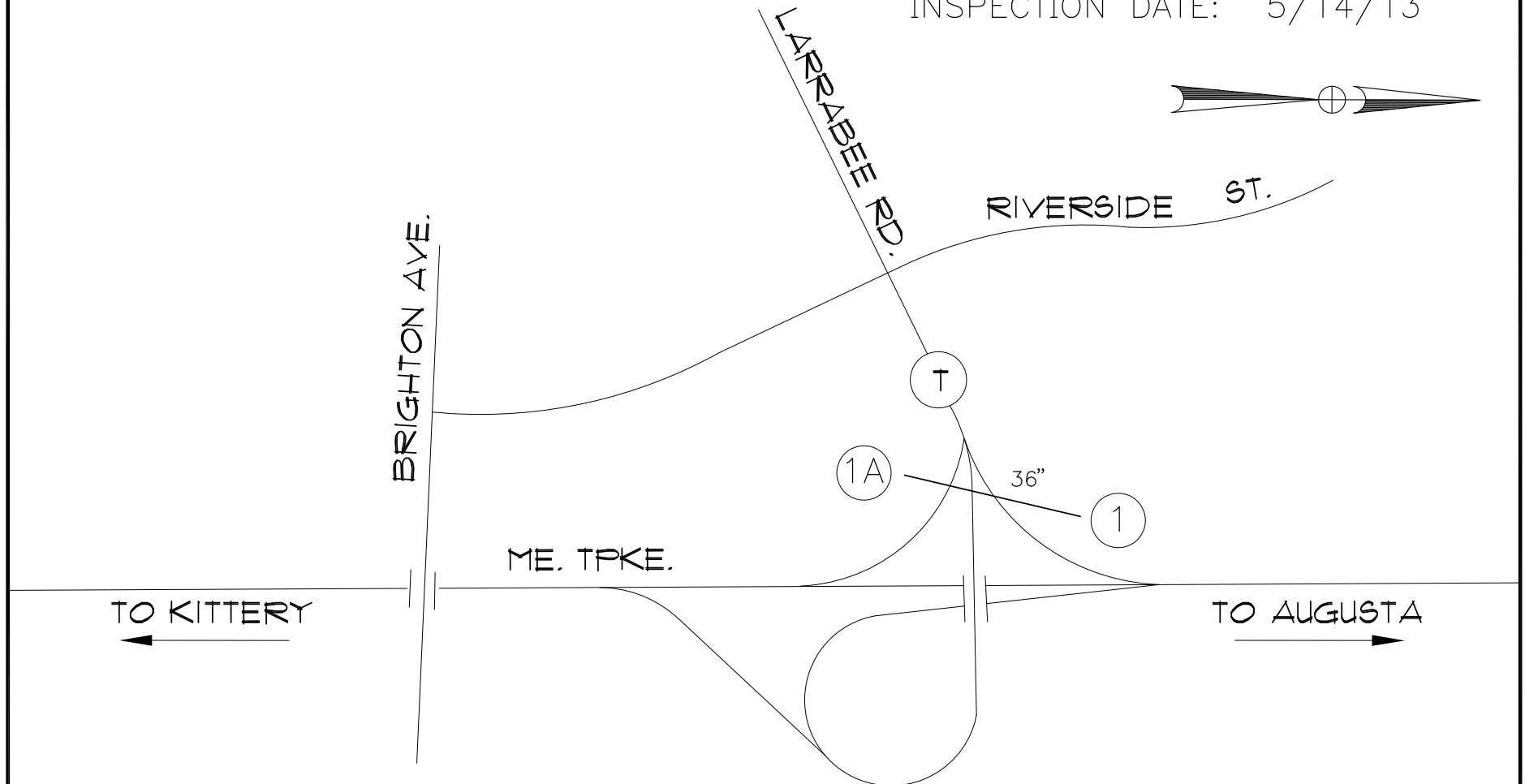
Pipe **3** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

(Located east of the Rand Rd. southbound on-ramp near the merge with the southbound off-ramp).

INTERCHANGE PIPE CULVERT

INSPECTORS: HME/TMH
INSPECTION DATE: 5/14/13



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HNTB Corporation

INTERCHANGE: 48

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe **1** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		

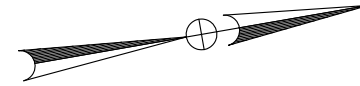
(Located on north side of the southbound off-ramp about mid length of the horizontal curve) No red delineator.

Pipe **1A** INSPECTION DATE: **05/14/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **36"**

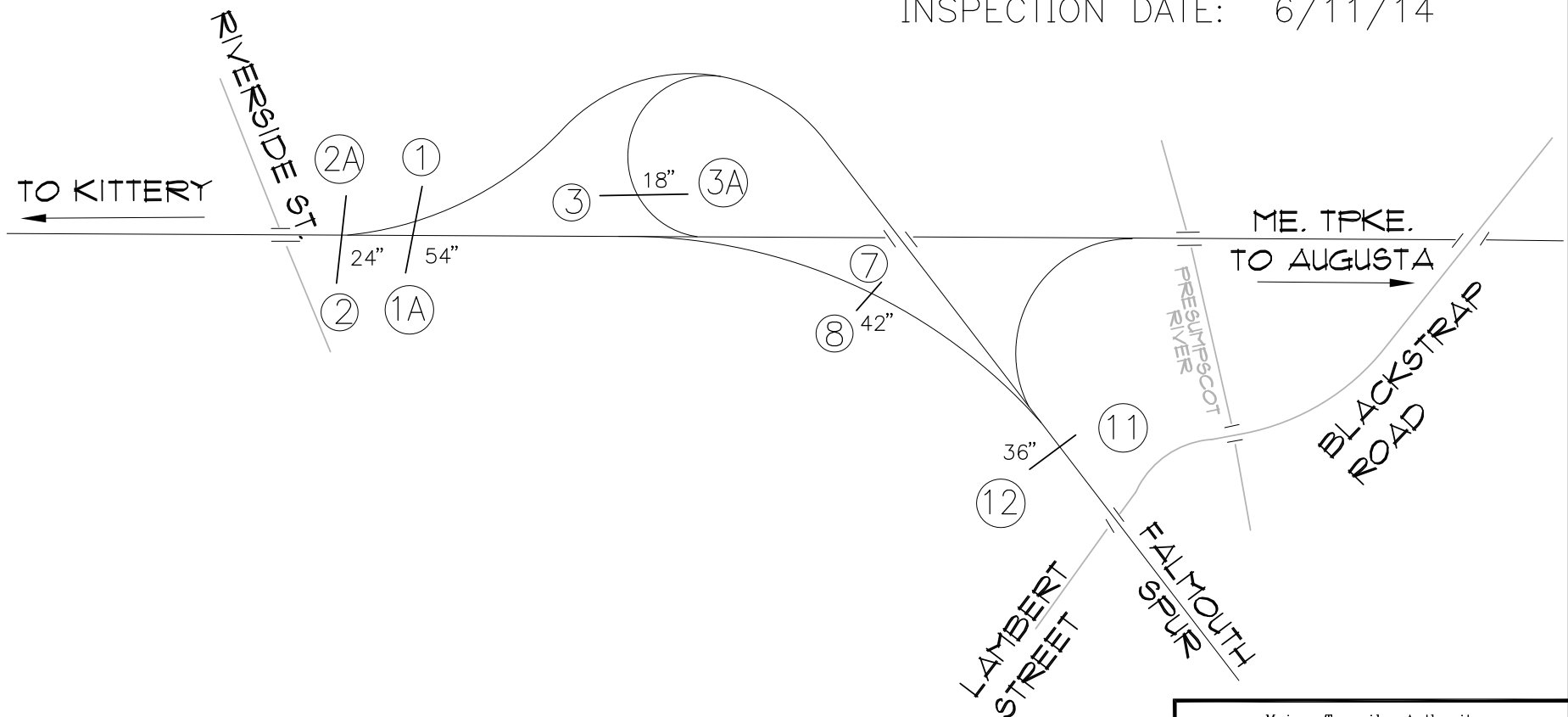
1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	9		
4. - Settlement	9		
5. - Silt	9		


(Located at south side of the start of the southbound on-ramp, just past 2nd light pole from employee parking area).

INTERCHANGE PIPE CULVERT



INSPECTORS: HME/MHP
INSPECTION DATE: 6/11/14



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HNTB Corporation

INTERCHANGE: 52

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe **8** INSPECTION DATE: **05/17/2013**
 Type: **RCP** INSPECTOR(S): **HME**
 Size: **42"**

1. Headwalls - Cracks	9	6. Ditches - Silt	7
2. - Movement	9	7. - Erosion	7
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

Heavy vegetation. Settlement behind the hdl and WWS. Pad 1/2 covered w/silt and veg. Minor erosion behind west WW slope. Point bar with 6" tree on pad. 12" tree growing over pipe. No red delineator.

Pipe **1A** INSPECTION DATE: **05/16/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **54"**

1. Headwalls - Cracks	8	6. Ditches - Silt	7
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

Pipe **11** INSPECTION DATE: **05/17/2013**
 Type: **CMP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	5
3. Barrel - Joints	13		
4. - Settlement	7		
5. - Silt	9		

(Pipe located at ROW fence, directly behind 1st light pole.) Flared end section separated from pipe. End of pipe & invert rotted. Flow line eroded. 4' drop from pipe end (outlet) to stream bed. Severe erosion on slopes above pipe. pipe extends 8' beyond embankment. erosion and sinkholes above pipe. No red delineator.

Pipe **12** INSPECTION DATE: **05/17/2013**
 Type: **CMP** INSPECTOR(S): **HME TH**
 Size: **36"**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	4
3. Barrel - Joints	13		
4. - Settlement	7		
5. - Silt	8		

(Pipe located at ROW fence) Flared end is deteriorated, & rotted. Pipe is rotted at flowline. ditch heavily deposited with silt. west side of pipe eroded. ditch heavily deposited w/ silt. west side of pipe eroded. No red delineator.

INTERCHANGE PIPE CULVERT

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 52.0

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe	2A	INSPECTION DATE: 05/16/2014	
Type:	RCP	INSPECTOR(S): TH CAH	
Size:	24		
1. Headwalls - Cracks	13	6. Ditches - Silt	13
2. - Movement	13	7. - Erosion	13
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe	2	INSPECTION DATE: 05/13/2014	
Type:	RCP	INSPECTOR(S): GAB CAH	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Rotted out CMP end. Some erosion on south side of pipe. Big sinkhole above pipe at conc./CMP connection.

Pipe	3	INSPECTION DATE: 05/16/2014	
Type:	RCP	INSPECTOR(S): TH CAH	
Size:	18		
1. Headwalls - Cracks	13	6. Ditches - Silt	5
2. - Movement	13	7. - Erosion	5
3. Barrel - Joints	6		
4. - Settlement	6		
5. - Silt	6		

No channel to pipe, cattails blocking entrance

Pipe	3A	INSPECTION DATE: 05/16/2014	
Type:	RCP	INSPECTOR(S): TH CAH	
Size:	18		
1. Headwalls - Cracks	13	6. Ditches - Silt	13
2. - Movement	13	7. - Erosion	13
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Slope failure, no delin.

INTERCHANGE PIPE CULVERT

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 52

INTERCHANGE PIPE CULVERT

SECTION: 3

Pipe **1** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **54"**

1. Headwalls - Cracks	9	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	7
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	8		

Many rocks and drift on pad and in ditch. Point bar in front of N. WW. (Located at 4th yellow delineator from on ramp merge sign.) No red delineator. Minor erosion @ tips of both WWs.

Pipe **7** INSPECTION DATE: **05/17/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**

1. Headwalls - Cracks	8	6. Ditches - Silt	7
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

(Located at 6th yellow delineator from the N end of NB offramp guardrail.) 1" to 2" of silt on pad. hdwl spalled at flow line. No red delineator.

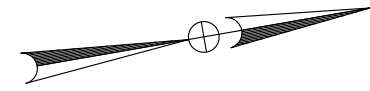
INTERCHANGE PIPE CULVERT

GRAY

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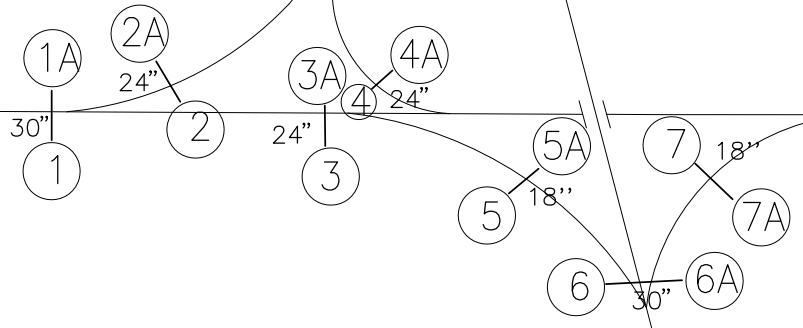
INSPECTORS: GAB/CAH
 INSPECTION DATE: 5/15/14

TO KITTERY
 ←

ME. TPKE.
 TO AUGUSTA
 →

LEIGHTON ROAD

ROUTES 26/100



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HNTB Corporation

INTERCHANGE: 53.0

INTERCHANGE PIPE CULVERT

SECTION: 4

Pipe	4	INSPECTION DATE: 05/15/2014	
Type:	RCP	INSPECTOR(S): GAB CAH	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Sand in basin. Catch basins in gore connects the two.

Pipe	2	INSPECTION DATE: 05/15/2014	
Type:	RCP	INSPECTOR(S): GAB CAH	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

Minor erosion in ditch.

Pipe	1A	INSPECTION DATE: 05/15/2014	
Type:	RCP	INSPECTOR(S): CAH GAB	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	6
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

U.D. from the north comes in.

Pipe	4A	INSPECTION DATE: 05/15/2014	
Type:	RCP	INSPECTOR(S): GAB CAH	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	7		
5. - Silt	8		

Inlet rotted.

INTERCHANGE PIPE CULVERT

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HNTB Corporation

INTERCHANGE: 53.0

INTERCHANGE PIPE CULVERT

SECTION: 4

Pipe **3** INSPECTION DATE: **05/12/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	5
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Slopes 1:1 or greater. 12" CMP U.D. 10' to the north. Water flowing well. Erosion safety hazard with no gore.

Pipe **1** INSPECTION DATE: **05/12/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **30**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

Pipe extended with s2013 slope repair contract.

Pipe **5A** INSPECTION DATE: **05/12/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Ditch full of debris from clearing contract. Pipe appears to be in good shape. Rotting of the flow line. Flared inlet separated from pipe.

Pipe **3A** INSPECTION DATE: **05/15/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	9
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

INTERCHANGE PIPE CULVERT

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HNTB Corporation

INTERCHANGE: 53.0

INTERCHANGE PIPE CULVERT

SECTION: 4

Pipe **2A** INSPECTION DATE: **05/15/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	5		

Outlet almost completely clogged with silt.

Pipe **7** INSPECTION DATE: **05/12/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	8		

Flared inlet separated from pipe.

Pipe **5** INSPECTION DATE: **05/12/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe is offset and lower than the flared outlet. Ditch is full of debris from the slope clearing contract. Pipe appears to be in good shape.

Pipe **7A** INSPECTION DATE: **05/12/2014**
Type: **RCP** INSPECTOR(S): **GAB CAH**
Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Opening partially covered by rip-rap.

INTERCHANGE PIPE CULVERT

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INTERCHANGE: 53.0

INTERCHANGE PIPE CULVERT

SECTION: 4

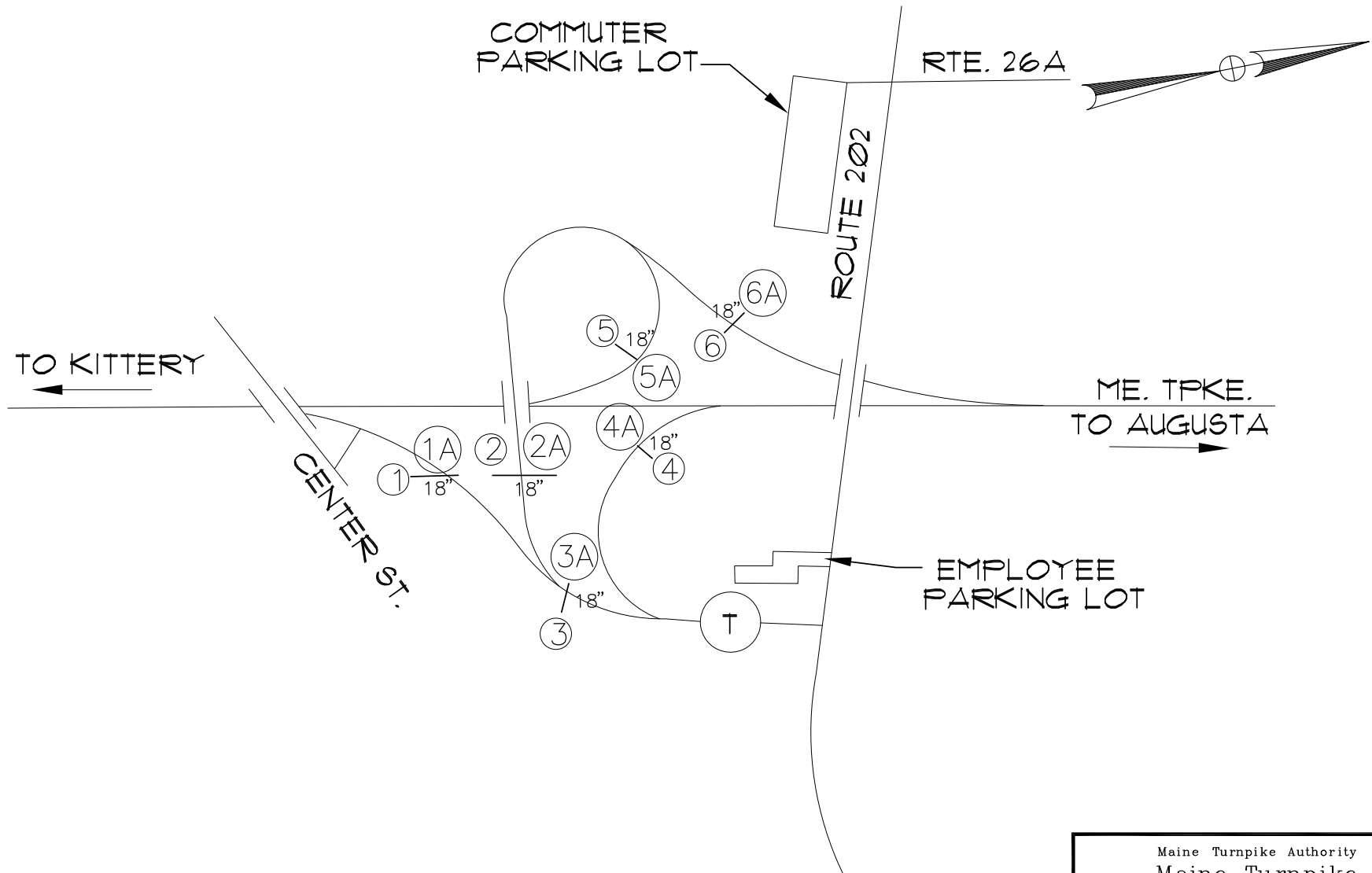
Pipe	6A	INSPECTION DATE: 05/12/2014	
Type:	RCP	INSPECTOR(S): GAB CAH	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	7		
5. - Silt	8		


Pipe	6	INSPECTION DATE: 05/12/2014	
Type:	RCP	INSPECTOR(S): GAB CAH	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	7
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Concrete sections are in complete disarray. Erosion around pipe, conc. sections and easterly side of ditch.
Erosion abundant in outfall area. Fish in stream. Flared end section 30' downstream.

INTERCHANGE PIPE CULVERT

INSPECTORS: SB/MPA
 INSPECTION DATE: 05/28/15



Maine Turnpike Authority Maine Turnpike	
	INTERCHANGE PIPE CULVERTS
	GRAY INTERCHANGE 63
HNTB Engineers Architects Planners	
Contract 2015	Sheet No. 1 of 1

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 63.0

INTERCHANGE PIPE CULVERT

SECTION: 4

Pipe **Pipe 3A** INSPECTION DATE: **05/28/2015**
 Type: **RCP** INSPECTOR(S): **SB MPA**
 Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	5		

Corrugated metal pipe. Pipe end fully submerged under water & silt. Excess silt in ditch should be cleared.

Pipe **Pipe 2** INSPECTION DATE: **05/28/2015**
 Type: **RCP** INSPECTOR(S): **SB MPA**
 Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Corrugated metal pipe. Sinkhole behind pipe. Barrel half full w/silt & water. Stagnant water in ditch. Broken clamp at end of pipe.

Pipe **Pipe 4** INSPECTION DATE: **05/28/2015**
 Type: **RCP** INSPECTOR(S): **SB MPA**
 Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Corrugated metal pipe. Sediment build up at inlet and into barrel. Pipe corroded w/ section loss at end.

Pipe **Pipe 6** INSPECTION DATE: **05/29/2015**
 Type: **RCP** INSPECTOR(S): **SB MPA**
 Size: **30**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	5		

Pipe end 90% buried w/silt deposit blocking end.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 63.0

INTERCHANGE PIPE CULVERT

SECTION: 4

Pipe	Pipe 4A	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	5		

Corrugated metal pipe. Pipe end partially buried, 3/4 full w/ silt. Minimal water present at outlet.

Pipe	Pipe 5A	INSPECTION DATE: 05/29/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	6		

Corrugated metal pipe. Pipe end half buried, 3/4 full of silt & water. Sinkhole above pipe. Ditch line level with top of pipe. Tree stump over top of pipe.

Pipe	Pipe 3	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Corrugated metal pipe. Barrel 3/4 full of water w/ some silt. Stagnant water in channel.

Pipe	Pipe 6A	INSPECTION DATE: 05/29/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	7
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	4		

Pipe end completely buried. Moderate erosion on side slope above w/ exposed electric line warning tape.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 63.0

INTERCHANGE PIPE CULVERT

SECTION: 4

Pipe **Pipe 1**
Type: **RCP**
Size: **18**
INSPECTION DATE: **05/28/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Corrugated metal pipe. Barrel 1/3 full of silt. Ditch has stagnant water & wetland growth. Silt fence toppled over in swale. Erosion on side slope above pipe.

Pipe **Pipe 1A**
Type: **RCP**
Size: **18**
INSPECTION DATE: **05/28/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

Corrugated metal pipe. Minor flow at outlet. Pipe end crushed & bent w/ major section loss. Vegetation over top of pipe. Stagnant water in ditch.

Pipe **Pipe 5**
Type: **RCP**
Size: **18**
INSPECTION DATE: **05/29/2015**
INSPECTOR(S): **SB MPA**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Corrugated metal pipe. Flared end rusted out. Sedimentation in pipe end. No flow.

INTERCHANGE PIPE CULVERT

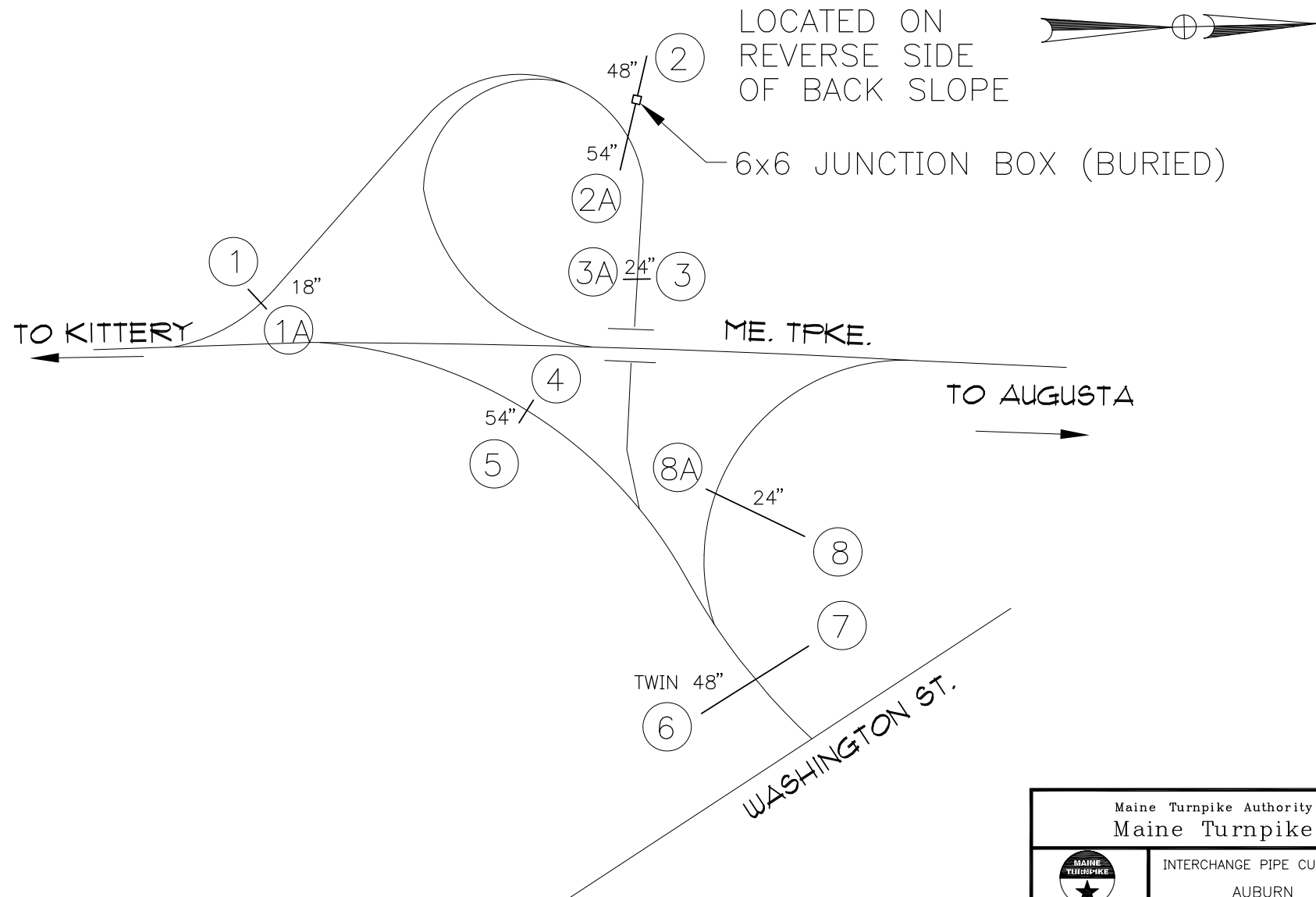
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AUBURN

MILE 67.0 to MILE 86.7

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INSPECTORS: HME/MHP
INSPECTION DATE: 6/11/14



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 THE GOLD STAR MEMORIAL HIGHWAY	INTERCHANGE PIPE CULVERTS AUBURN INTERCHANGE 75
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Inspection Field Report

HNTB Corporation

INTERCHANGE: 75

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe **6** INSPECTION DATE: **05/13/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **2-48"**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	5		

Silt in ditches. Barrel 1/2 full with silt and 2/3 full of stagnant water. No red delineator.

Pipe **2A** INSPECTION DATE: **05/13/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **54"**

1. Headwalls - Cracks	7	6. Ditches - Silt	7
2. - Movement	8	7. - Erosion	7
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	7		

(Located on the east side of SB off-ramp slope). Erosion behind S. WW caused from incoming ditch. Point bar 3/4 of apron. Spall with rebar exposed on North WW at end. Spall in S WW caused from incoming ditch. Spalling at pipe/headwall interface and flow line. 18" dia. hole spalled through entire thickness of N. WW, rebar exposed. pipe 1/4 full sediment/rocks. No red delineator.

Pipe **5** INSPECTION DATE: **05/13/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **54"**

1. Headwalls - Cracks	9	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	8		

(Located NB off-ramp at no toll ahead sign). Minor spall on headwall at barrel joint. Minor erosion around HDWL and WWs. point bar on concrete apron. Debris falling into apron area. 6" sediment in barrel. No red delineator.

Pipe **4** INSPECTION DATE: **05/13/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **54"**

1. Headwalls - Cracks	9	6. Ditches - Silt	9
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	5		
4. - Settlement	7		
5. - Silt	9		

Significant erosion and sinkholes behind/above hdwl. 2nd & 3rd jnts open 12"+ and is the cause for severe sinkhole that is about 1' off EOP. Point bar on 1/2 of channel inlet. Pad deteriorated. Deterioration at barrel inlet. Cracks in both WW at midpoint. Erosion at both WW's. No red delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 75.0

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe **8A** INSPECTION DATE: **06/12/2014**
Type: **RCP** INSPECTOR(S): **HME MHP**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	7
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

End overgrown with vegetation.

Pipe **1A** INSPECTION DATE: **06/12/2014**
Type: **RCP** INSPECTOR(S): **HME MHP**
Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe inlet 3/4 full of water.

Pipe **1** INSPECTION DATE: **06/12/2014**
Type: **RCP** INSPECTOR(S): **HME MHP**
Size: **18**

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

1/2 full of sediment. pipe inlet plugged with vegetation.

Pipe **3A** INSPECTION DATE: **06/12/2014**
Type: **RCP** INSPECTOR(S): **HME MHP**
Size: **24**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe 1/2 full of sediment/riprap.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 75

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe **7** INSPECTION DATE: **05/13/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **2-48"**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	6		

west barrel 1/4 full of silt. Silt bars in front of both pipes. No red delineator.

Pipe **2** INSPECTION DATE: **05/13/2013**
 Type: **CMP** INSPECTOR(S): **HME TH**
 Size: **48"**

1. Headwalls - Cracks	7	6. Ditches - Silt	9
2. - Movement	8	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	9		
5. - Silt	9		

(Inlet is located on the back side of 2:1 back slope on SB off-ramp W. side) Minor spalling of invert of CMP.
 Minor erosion behind WW and hdwl. "struts" in CMP some dislodged.
 No delineator.

Pipe **8** INSPECTION DATE: **06/12/2014**
 Type: **RCP** INSPECTOR(S): **HME MHP**
 Size: **24**

1. Headwalls - Cracks	13	6. Ditches - Silt	13
2. - Movement	13	7. - Erosion	13
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 75.0

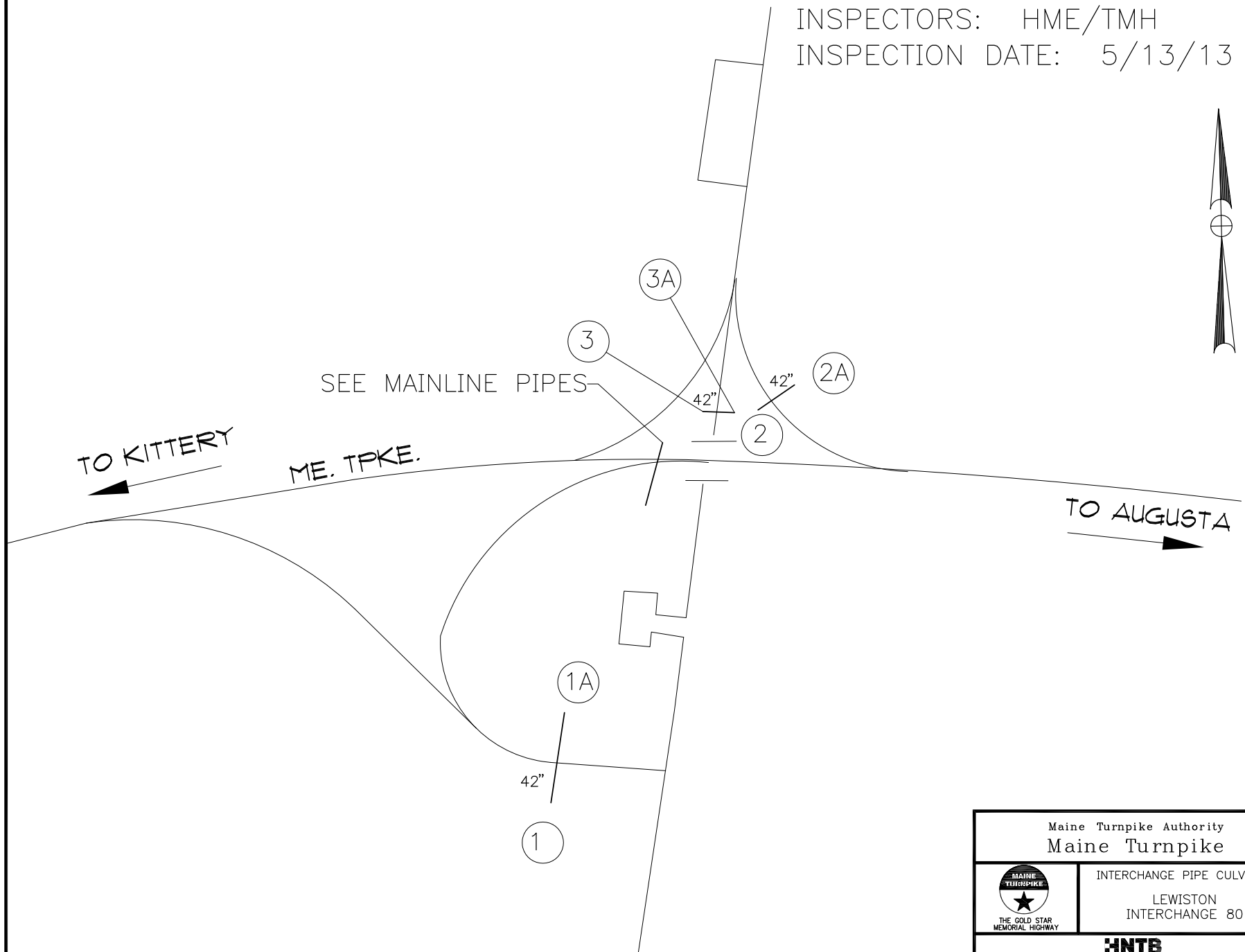
INTERCHANGE PIPE CULVERT


SECTION: 5

Pipe	3	INSPECTION DATE: 06/12/2014	
Type:	RCP	INSPECTOR(S): HME MHP	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe invert completely deteriorated and overgrown with vegetation.

INTERCHANGE PIPE CULVERT



<p>Maine Turnpike Authority</p> <p>Maine Turnpike</p>	
	<p>INTERCHANGE PIPE CULVERTS</p> <p>LEWISTON</p> <p>INTERCHANGE 80</p>
<p>HNTP</p> <p>Engineers Architects Planners</p>	
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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 80

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe **2** INSPECTION DATE: **05/13/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	6		
5. - Silt	9		

(Located on east side of SB off-ramp). Top of barrel minor chipped. Pipe drops significantly 6" at the end of the third section. Jnts open 6". No delineator.

Pipe **1A** INSPECTION DATE: **05/13/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**

1. Headwalls - Cracks	7	6. Ditches - Silt	9
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	9		

(Located west of NB on-ramp before merge w/ NB off-ramp). 1st & 2nd jnt open 2-3". Minor hdwl spalls at flowline. S. WW. 20% spalled with rebar exposed. 1' drop from pad to ditch with 18" of undermine. Conc. pad showing signs of erosion. No delineator.

Pipe **1** INSPECTION DATE: **05/13/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	9		

(Located east of NB off-ramp, just south of merge with NB on-ramp). 2nd jnt open 4". Silt and veg. on conc. pad. Rebar exposed at pipe end. No delineator.

Pipe **2A** INSPECTION DATE: **05/13/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	7
3. Barrel - Joints	7		
4. - Settlement	8		
5. - Silt	9		

(Located west side of SB off-ramp). Barrel eroding at invert up to flow line with re-bar exposed. Jnts opening up & leaking. N and S WW ends spalled. 1/4 full of water. woody debris in ditch. No delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 80

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe **3A** INSPECTION DATE: **05/13/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**

1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	6		
4. - Settlement	8		
5. - Silt	8		

(Located north side of Alfred Plourde Pkwy at bottom of SB off-ramp). Large sinkholes above pipe behind HW. 1st few jnts open 6"+. pipe 1/3 full of water. Minor spalls on E. and west WW. Vegetation downstream No delineator.

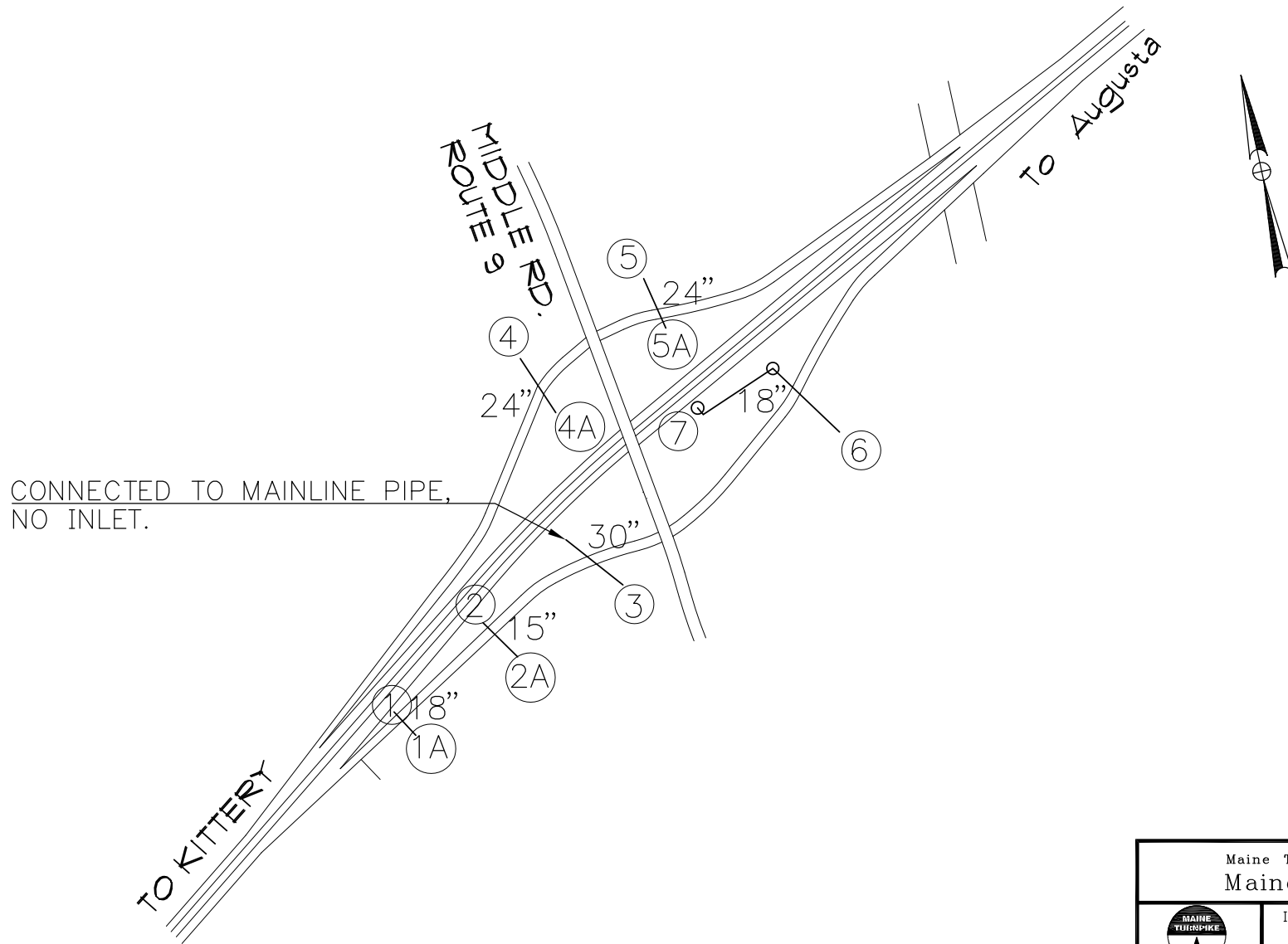
Pipe **3** INSPECTION DATE: **05/13/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **42"**


1. Headwalls - Cracks	8	6. Ditches - Silt	8
2. - Movement	9	7. - Erosion	7
3. Barrel - Joints	6		
4. - Settlement	8		
5. - Silt	9		

(Located south side of Alfred Plourde Pkwy at bottom of SB on-ramp). First jt. open up to 6", 2nd joint open 4". Settlement behind hdwl. due to joint separation. large sinkhole above pipe behind hdwl. Erosion behind hdwl & WW's. Spall at end of west WW. 1/3 of wing walls missing at tips. No delineator.

INTERCHANGE PIPE CULVERT

INSPECTORS: SB/MPA
INSPECTION DATE: 05/28/15



Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	INTERCHANGE PIPE CULVERTS SABBATTUS INTERCHANGE 86
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Inspection Field Report

HNTB Corporation

INTERCHANGE: 86.0

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe	Pipe 5	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Silt & heavy vegetation at outlet. Invert buried.

Pipe	Pipe 4A	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	7
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

Vegetation overhanging top of pipe. Heavy vegetation growth in ditch & moderate erosion S. of pipe.

Pipe	Pipe 7	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

Some silt in pipe and ditch.

Pipe	Pipe 3	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	30		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	11		
5. - Silt	9		

Large sinkhole above pipe. First JT misaligned.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 86.0

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe	Pipe 2	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	15		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	9		

Vegetation growth above inlet invert elevation.

Pipe	Pipe 4	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

Pipe	Pipe 2A	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	15		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	7		

Pipe end half buried w/ sediment buildup in barrel at outlet.

Pipe	Pipe 5A	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	24		
1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	8		

Vegetation overhanging top of pipe end. Silt & debris build-up at inlet.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 86.0

INTERCHANGE PIPE CULVERT

SECTION: 5

Pipe	Pipe 1A	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	6		

Pipe end 3/4 buried at outlet.

Pipe	Pipe 1	INSPECTION DATE: 01/01/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	13	6. Ditches - Silt	13
2. - Movement	13	7. - Erosion	13
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Connects to closed drainage system along mainline.

Pipe	Pipe 6	INSPECTION DATE: 05/28/2015	
Type:	RCP	INSPECTOR(S): SB MPA	
Size:	18		
1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	11		
4. - Settlement	11		
5. - Silt	9		

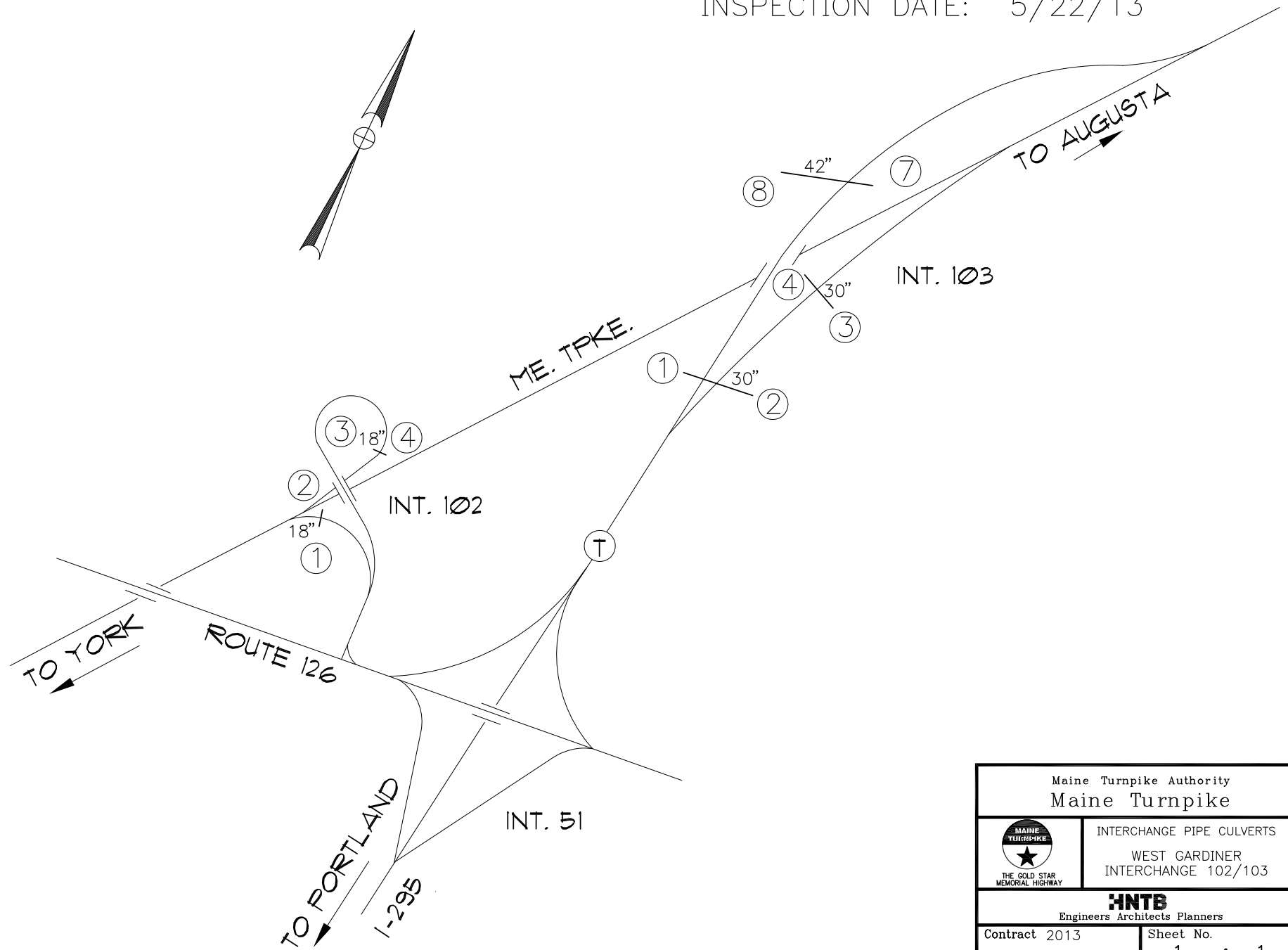
INTERCHANGE PIPE CULVERT

GARDINER

MILE 100.2 to MILE 108.8

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INSPECTORS: HME/TMH
 INSPECTION DATE: 5/22/13



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	INTERCHANGE PIPE CULVERTS
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Maine Turnpike Annual Inspection

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Inspection Field Report

HNTB Corporation

INTERCHANGE: 102

INTERCHANGE PIPE CULVERT

SECTION: 7

Pipe **2** INSPECTION DATE: **05/22/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **18"**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

Inlet overgrown with wetland veg, unable to see thru due to buried outlet end. No delineator.

Pipe **1** INSPECTION DATE: **05/22/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **18"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

pipe completely buried, no visual, unable to inspect. delineator knocked down.

Pipe **4** INSPECTION DATE: **05/22/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **18"**

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe buried and overgrown with vegetation, unable to inspect. No delineator.

Pipe **3** INSPECTION DATE: **05/22/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **18"**

1. Headwalls - Cracks	11	6. Ditches - Silt	5
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	13		

Pipe buried. inlet and ditch overgrown with veg. No delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 103

INTERCHANGE PIPE CULVERT

SECTION: 7

Pipe **8** INSPECTION DATE: **05/22/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **42"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	7		
5. - Silt	9		

(Located on rt side of the SB off-ramp to I-295 before the bridge. Pipe located on Southbound off ramp directly before 'Gardiner/Litchfield Exit 1/2 Mile' sign on the sideslope.) Pipe 1/4 full of water. 4" of silt in mouth of pipe. No red delineator.

Pipe **7** INSPECTION DATE: **05/22/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **42"**

1. Headwalls - Cracks	11	6. Ditches - Silt	7
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	7		
5. - Silt	8		

Located left side of SB off-ramp to I-295 before the bridge and 100' before the Gardiner/Litchfield sign). 12" water & 3" silt in pipe end. No red delineator.

Pipe **3** INSPECTION DATE: **05/22/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **30"**

1. Headwalls - Cracks	8	6. Ditches - Silt	5
2. - Movement	9	7. - Erosion	8
3. Barrel - Joints	13		
4. - Settlement	13		
5. - Silt	8		

Inlet and ditch overgrown, Pipe buried, unable to inspect. No Delineator.

Pipe **1** INSPECTION DATE: **05/22/2013**
 Type: **RCP** INSPECTOR(S): **HME TH**
 Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	6		

Pipe 1/2 full of water, 1/4 full of sediment. Ditch overgrown with veg. No delineator.

INTERCHANGE PIPE CULVERT

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

INTERCHANGE: 103

INTERCHANGE PIPE CULVERT

SECTION: 7

Pipe **4** INSPECTION DATE: **05/22/2013**
Type: **RCP** INSPECTOR(S): **HME TH**
Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	8
2. - Movement	11	7. - Erosion	8
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	8		

pipe 1/4 full of water, no delineator.

Pipe **2** INSPECTION DATE: **05/22/2013**
Type: **RCP** INSPECTOR(S): **TH**
Size: **30"**

1. Headwalls - Cracks	11	6. Ditches - Silt	6
2. - Movement	11	7. - Erosion	9
3. Barrel - Joints	8		
4. - Settlement	8		
5. - Silt	9		

Vegetation and silt at inlet built in to 1/2 pipe diameter. erosion around pipe inlet. No delineator.

INTERCHANGE PIPE CULVERT

Chapter K

Signs – VMS, Overhead, & Bridge Mounted

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 0.69

Exit 1 Off Ramp - NB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: EAST: Small corner spall at the southeast corner.

SIGN DATA

10: 1 of 3 signs failed reflectivity.

11: There are missing clips on the sign extensions.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.01

Exit 2 Off Ramp - NB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: There are missing/broken clips on the signs.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.3

Route 236 NB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	7
8. Paint	4
9. Miscellaneous	11

SIGN

10. Reflectivity	6
11. Miscellaneous	6

SIGN DATA

10: WEST SIGN: 30% of east relector missing/detached.

11: E SIGN: 37 missing/disengaged sign conn clips. W SIGN: 18 missing/disengaged sign conn clips.

SUPERSTRUCTURE

5: Moderate surface rust throughout.

8: Moderate surface rust throughout.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.31

Exit 3 On/Off Ramp - SB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	11

Refer to the 2014 hands-on inspection report.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.4

Exit 3 Off Ramp - NB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	11

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: There is a minor corner spall on the southeast corner of the east pedestal.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.5

1.5 - Exit 3 On Ramp / Rt 1 Bypass - SB

INSPECTOR(S): BRD
INSPECTION DATE: 06/15/2016

AGP

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	7

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: There is a missing clip on sign 2.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.51

Exit 3 On Ramp - NB/SB

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/15/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	7

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Some sign clips missing.

SUPERSTRUCTURE

7: NW BASE PL: East nuts are not fully seated.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.6

Ramp H - NB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	7
8. Paint	6
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	6

SIGN DATA

11: 6 missing/disengaged sign conn clips.

SUPERSTRUCTURE

5: Isolated areas of moderate surface rust at failed paint.

8: Scattered areas of failed paint.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 1.61

Exit 3 On Ramp / Rt 1 Bypass - SB

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	6
6. Collision Damage	11
7. Connections	7
8. Paint	5
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	5

SIGN DATA

11: E SIGN: 21 missing/disengaged sign conn clips. W SIGN: 21 missing/disengaged sign conn clips. Excessive movement during gusts of wind.

SUPERSTRUCTURE

5: Moderate surface rust at failed paint, particularly W sign.

7: ALL BASE PLATES: 1/4"W x full height loss along south edges.

8: Scattered areas of failed paint, particularly W sign.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 2.2

High Mast Lighting 0.5 to 2.2

INSPECTOR(S): BRD
INSPECTION DATE: 06/15/2016

AGP

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	6
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Refer to the lighting plan in the Lighting Inspection Section for location and numbering of high mast poles (numbered HM-1 through HM-21). Refer to the 2014 Hands-On Inspection Report.

FOUNDATION

1: ALL FDNs: Minor to mod rust staining from high mast pole. HM-1: Top cor of fdn w/ 2"L x 12"W x 4"H delam at S end.

SUPERSTRUCTURE

5: ALL HMs: Top section w/ slight tilt. HM-1: E face of pole w/ 1"H x 2.5"L corrosion hole at base. HM-3: W face of pole w/ 2 - 1"H x 2.5"L corrosion holes at base.

7: ALL HMs: Anchor bolts w/ minor surface rust, particularly the nuts.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 3.1

Cutts Road Underpass - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	6
8. Paint	4
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	6

SIGN DATA

11: Cracking in sign paint. Scattered minor sand accumulation on back of sign. 13 missing/disengaged sign conn clips.

SUPERSTRUCTURE

5: Steel exhibits minor rust throughout.

7: Nuts and bolts exhibit moderate rust throughout.

8: Paint on framing has failed on most surfaces.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 6.2

Cider Hill Rd (NB)

INSPECTOR(S): KEB
INSPECTION DATE: 03/29/2016

BRG

FOUNDATION

1. Concrete	5
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	5

SIGN

10. Reflectivity	11
11. Miscellaneous	5

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: The grout collar at both foundations exhibits scattered areas of heavy spalling exposing brick infill.

SIGN DATA

11: East chain is not clipped to walkway, potential swinging hazard.

SUPERSTRUCTURE

5: East 12' of walkway grate w/ minor surface rust.

9: Chained bolts above walkway swinging.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 6.8

Chases Pond Rd. - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 03/30/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	5

Sign mounted to Chase Pond Rd. bridge over NB lanes. Two signs w/ weather station.

SIGN DATA

11: BOTH SIGNS: Wavy across length, particularly at top. Exposed wires for weather station cable on back of E sign. Moderate surface rust to weather station hardware and utility box. LIGHTING CONDUITS: Mod rust to conduit conn clips & threaded inserts, heavy rust of photo control boxes. Both photo control box w/ 1.5" dia corrosion hole exposing wires. E SIGN: 1 missing/disengaged sign conn clip. 6 improperly installed sign conn clips (3 vert support members too short, bot vert sign clips not effective). W SIGN: 4 missing/disengaged sign conn clips. 6 improperly installed sign conn clips (3 vert support members too short, bot vert sign clips not effective). BOTH SIGNS: several anchor bolts w/minor rust at curb.

SUPERSTRUCTURE

5: Scattered areas of light surface rust.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 6.81

Chases Pond Road (N.B. On ramp)

INSPECTOR(S): KEB
INSPECTION DATE: 03/30/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	6

VMS on butterfly structure. Sign is located on Chases Pond Rd. prior to NB entrance ramp.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: Grout pad w/ minor mc w/ moisture and eff.

SIGN DATA

11: Chain at S end unclipped, potential swinging hazard. Paint cracked and peeling on bot of VMS panel.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 7.8

Mile 7.8 S.B.

INSPECTOR(S): KEB
INSPECTION DATE: 03/30/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: W TOWER: Mod surface rust to conn and bolts of safety switch supports. Scattered sign clips missing. Circuit box top sensor broken exposing wires. Light W3 out.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 8.3

Mile 8.3 - S.B.

INSPECTOR(S): KEB
INSPECTION DATE: 03/30/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	6
11. Miscellaneous	11

Aluminum Structure

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: All grout pads: minor vert cracks, minor eff. at base.

SIGN DATA

10: Minor areas of peeling of reflective border, particularly on E sign. Faded lettering and border on west sign.

11: Some isolated sign clips missing.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 19.3

Exit 19 Entrance

INSPECTOR(S): KEB
INSPECTION DATE: 04/01/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	7

SIGN

10. Reflectivity	8
11. Miscellaneous	6

Sign located at toll plaza and spans multiple toll lanes.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: The top concrete layer is delaminated at the east and center pedestals. Center pedestal has minor spalling due to collision damage. East pedestal exhibits minor spalling at the top. West pedestal w/ vert hlcs in grout pad and foundation.

SIGN DATA

11: The lower sign at the center vertical support has minor impact damage. There are scattered missing sign clips.

SUPERSTRUCTURE

9: EAST: W-beam guardrail with severe collision damage. There are gaps up to 3/16" at the tower/chord connections.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 19.31

Wells-Sanford Road - E.B.

INSPECTOR(S): KEB
INSPECTION DATE: 04/01/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

VMS on butterfly structure.

FOUNDATION

1: Grout pad exhibits hairline map cracking with moisture.

SUPERSTRUCTURE

7: S anchor bolts slightly bent. 3/16" gap btwn bot "z" horiz member and vert members S2, S3, and S4. Sign vert bearing on horizontal section members.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 19.32

Wells-Sanford Road - W.B.

INSPECTOR(S): KEB
INSPECTION DATE: 04/01/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	6
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

VMS on a butterfly structure.

FOUNDATION

1: Grout pad exhibits hairline map cracking with moisture.

SUPERSTRUCTURE

7: 1/8" gap between bottom "z" horizontal member and vertical members N1 and N2. Horizontal seat members with no sign bearing. Minor surface rust to anchor bolts.

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 25.5

West Kennebunk Road - W.B.

INSPECTOR(S): KEB
INSPECTION DATE: 04/01/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

VMS on butterfly structure - located left (east) off of NB off ramp.

FOUNDATION

1: Grout pad with map hlcs.

SUPERSTRUCTURE

7: 3/16" gap btw vert member N3 and bot horiz "z" member for panel, bolts may be loose. Sign only bearing on horizontal seats S1 and S2.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 28.3

Mile 28.31 SB

INSPECTOR(S): KEB
INSPECTION DATE: 04/14/2016

BRG

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	11

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 30.35

Old Alfred Road - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 04/15/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	6

FOUNDATION

1: Grout pads w/ map hlcs w/ light eff and moist. NW grout pad w/ minor spall. Minor hairline cracking on both grout pads.

SIGN DATA

11: Estimated 20% loss of paint to bottom of VMS. E SUPPORT: Conduit couplings and conn clips w/ mod rust. Junction box exhibits scattered areas of mod corrosion.

SUPERSTRUCTURE

5: N. catwalk support beam with areas of moderate rust.

7: One anchor nut is not fully engaged.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 31.6

Exit 32 Entrance

INSPECTOR(S): KEB
INSPECTION DATE: 04/15/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

VMS on a butterfly structure. The sign is located at the entrance to Exit 32 adjacent to the toll booth.

FOUNDATION

1: Grout collar w/ map cracking and moisture.

SUPERSTRUCTURE

7: Anchor bolts w/ minor surface rust. Horizontal seat members w/inconsistent sign bearing.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 33

Saco River Weather Station

INSPECTOR(S): KEB
INSPECTION DATE: 04/29/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	8
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

SUPERSTRUCTURE

7: Anchor bolts with minor surface rust.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 33.4

Boom Road - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 04/29/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	6
6. Collision Damage	11
7. Connections	6
8. Paint	4
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	5

SIGN DATA

11: 37 missing/dissengaged sign conn clips. Staggered pattern in most locations.

SUPERSTRUCTURE

5: Framing members exhibit moderate surface rust in areas of failed paint.

7: Bolted and welded connections exhibit moderate surface rust in areas of failed paint.

8: Framing w/ failed paint throughout.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 35.7

Exit 36 High Mast Lighting

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/15/2016

FOUNDATION

1. Concrete	6
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	6
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Refer to the lighting plan in the Lighting Inspection Section for location and numbering of high mast poles (numbered HM-22 through HM-28). Refer to the 2014 hands-on inspection report.

FOUNDATION

1: HM-22, 24, 26 & 27: Rust staining on grout pad. Grout pad w/ isolated vert hlcs. HM-22: S end of grout pad heavily spalled exposing bot anchor bolt nut. Fdn w/ hvy rust staining and isolated minor vert crks. HM-25: Top of fdn w/ minor scaling and mc.

SUPERSTRUCTURE

5: HM-22, 24 & 27: Top section w/ slight tilt W. HM-23: Top section w/ slight tilt SE.

7: HM-22: Mod corrosion of exposed bot anchor bolt nuts.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 35.71

Interchange 36 Ramp

INSPECTOR(S): KEB
INSPECTION DATE: 04/29/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	6

Located west of toll plaza.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: Top of fdn. w/ map hlcs. Grout pads w/ map hlcs w/ moist. The north foundation grout pad has minor spalling. Hairline cracks in both the grout pad and pedestal.

SIGN DATA

11: "Slippery" sign missing from both poles. Missing sign clips.

SUPERSTRUCTURE

7: North and South: 4 bolts per base plate (4 total). Bolts have no washers.

CROSBY

MILE 38.0 to MILE 52.7

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 42

Two Rod Road - S.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/03/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	6
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	6

VMS just north of Two Rod Road bridge.

FOUNDATION

1: Concrete collar at both posts mod cracked and spalled. West: Grout pad is 50% delaminated and has a small spall on the south side. East: Grout pad exhibits moderate spalling with complete deterioration at the south side. Animal nest observed under south base plate.

SIGN DATA

11: Hvy rust of conduit/cable conn clamps. One cable conn clamp near W support broken. E chain looped around superstructure, potential swinging hazard.

SUPERSTRUCTURE

7: East U-bolt nut for north lower chord connection at L-bracket 9 has minor corrosion. Some lower Z-bracket connections are not tightened completely with a gap between some Lbrackets and Z-brackets. Upper Z-bracket connection at L-bracket 7, east, is not tightened completely.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 43

Holmes Road - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/03/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	6
8. Paint	11
9. Miscellaneous	6

SIGN

10. Reflectivity	11
11. Miscellaneous	6

FOUNDATION

1: West: Grout pad has moderate spalling with delaminated areas. East: Grout pad has minor spalling, delaminated areas, and fine vertical cracks around base plate.

SIGN DATA

11: Conduit couplings and conn clamps w/ minor rust. Exposed wires for detector at W pole. W chain looped around superstructure, potential swinging hazard.

SUPERSTRUCTURE

7: VMS connections to the Z-brackets/L-brackets are loose and missing.

9: Excessive displacement/swaying during truck gusts.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 43.1

Mile 43.1 - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/03/2016

BRG

FOUNDATION

1. Concrete	6
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	8
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	6
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: WEST: 2 pedestals w/ grout pads. South pedestal – 75% of grout pad is spalled with moist debris beneath base plate and exposure of all 4 leveling nuts. North Pedestal – Fine cracks in grout pad w/ efflorescence. EAST: 2 pedestals w/ grout pads. Unable to inspect due to heavy embankment overgrowth. Foundation completely buried.

SIGN DATA

10: Missing 4' length of horizontal reflector in bottom left corner.
11: Isolated missing sign clips.

SUPERSTRUCTURE

5: Bottom of E posts are buried 1' to 2' under soil.
6: Small spot of impact damage at the SE column.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 43.4

Mile 43.4 - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/03/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	8
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	6
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: Up to 50% delamination of the grout collars. West: 2 pedestals w/ grout pads. South pedestal – Fine cracks & delaminated areas in grout pad. North Pedestal – Large spall of west side of grout pad. Fine cracks in grout pad. East: 2 pedestals w/ grout pads. Both grout pads have delaminated areas & fine cracks with efflorescence.

SIGN DATA

10: Exit 44 sign partially faded. 2 of 3 signs failed reflectivity.
11: Isolated missing sign clips.

SUPERSTRUCTURE

7: NE and SW: One anchor bolt nut exhibits negative threads.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 44

Gorham Road - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/10/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	7
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	5

SIGN DATA

10: Minor crks throughout. E SIGN: Bot reflector tape missing most of length.

11: 36 missing/disengaged sign conn clips split between the east and west sign. Staggered pattern in some locations.

SUPERSTRUCTURE

5: Isolated areas of minor surface rust.

7: TYP: Minor surface rust on all anchor bolts and nuts. E SIGN: W curb cnx substandard edge distance for slotted hole.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 44.3

I - 295 Underpass - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/10/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	8
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	6

SIGN DATA

11: Minor surface rust on all anchor bolts and nuts.

SUPERSTRUCTURE

7: Minor to moderate rust and corrosion of anchor bolts.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 44.6

Cummings Road (Spring Street) - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/13/2016

HJW

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	6
8. Paint	8
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	7

SIGN DATA

11: Minor collision damage to bottom of sign. 3 sign conn clips missing/disengaged on outer post. 1 horiz sign channel center bot of sign w/ no attached clips at each vert support member.

SUPERSTRUCTURE

7: Anchor bolts w/ minor surface rust.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 44.9

Exit 45 Entrance

INSPECTOR(S): KEB
INSPECTION DATE: 05/10/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	6

VMS on butterfly structure located beyond (W) toll booth but prior to the NB entrance ramp.

FOUNDATION

1: Grout collar with several areas of delamination and spalling.

SIGN DATA

11: S chain is not connected to grate, potential swinging hazard.

SUPERSTRUCTURE

7: Anchor bolts w/ minor surface rust. 1/4" gap btw bot "z" horiz member and vert member S3, bolts may be loose.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 46.4

Congress Street / Rte. 22 - S.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/13/2016

BRG

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	11

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 47

Westbrook St. N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/13/2016

HJW

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	7

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: There are missing sign clips on both signs.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 49

Overheight Detector - Warren Ave EB

INSPECTOR(S): KEB
INSPECTION DATE: 05/09/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	8

SIGN

10. Reflectivity	8
11. Miscellaneous	6

Located on Warren Ave. west of bridges. Two steel poles with overheight detector and two warning signs on timber posts with initiated flashing lights and camera on east sign.

SUPERSTRUCTURE

9: Timber posts for signs.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 49

Overheight Detector - Warren Ave WB

INSPECTOR(S): KEB
INSPECTION DATE: 05/09/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	6

SIGN

10. Reflectivity	8
11. Miscellaneous	11

Located on Warren Ave. east of bridges. Two steel poles with overheight detector and two warning signs on timber posts with initiated flashing lights and camera on west sign.

SUPERSTRUCTURE

5: Minor surface rust of anchor bolts.

9: Timber posts for signs. S STEEL POLE: Torn and shifted sheet metal anchor bolt cover due to collision damage (sharp edges, pedestrian cutting hazard).

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 50.7

Mile 50.7 - N.B.

INSPECTOR(S): KEB
INSPECTION DATE: 05/09/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: Grout collars: Up to 75% delaminated. NE foundation at S base: Minor edge spall.

SIGN DATA

11: There are several missing clips on the sign and several nuts are deteriorating.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 51.4

Exit 52 Falmouth Spur

INSPECTOR(S): KEB
INSPECTION DATE: 05/09/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	6
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: BOTH FOUNDATIONS: Minor spalling of conc foundation at grout collar. E FOUNDATION: Grout collars up to 75% delaminated & mod spalling. W FOUNDATION: Grout collars up to 50% delaminated & mod spalling.

SIGN DATA

10: All signs failed reflectivity.

11: There are two missing/improperly installed sign clips. Several sign clip nuts are deteriorating.

SUPERSTRUCTURE

7: NW FOUNDATION: 3 of 4 anchor bolt nuts exhibit negative threads at N base.

GRAY

MILE 52.7 to MILE 67.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 52.4

Exit 53 Entrance

INSPECTOR(S): KEB
INSPECTION DATE: 05/04/2016

HJW

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Sign is located between toll plaza and 95 NB entrance ramp.

SUPERSTRUCTURE

7: Up to 1/2" gap btwn bot horiz member and VMS, members N2, N3, and N4.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 53.4

Mountain Road - S.B.

INSPECTOR(S): SPS
INSPECTION DATE: 05/17/2016

AGP

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	6
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

FOUNDATION

1: West: Grout pad has fine cracking adjacent the base plate. East: Grout pad has fine cracking along the base plate and a small delaminated area on the south side.

SUPERSTRUCTURE

7: The lower bolt of the north lower chord splice is not tight (can be unthreaded by hand).

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 60.8

Eagles Nest Weather Station

INSPECTOR(S): SPS
INSPECTION DATE: 05/17/2016

AGP

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Located btw NB & SB structures at N. end.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 63.1

Exit 63 Entrance

INSPECTOR(S): SPS AGP
INSPECTION DATE: 05/19/2016

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	8
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	6

Sign is located prior to toll plaza and 95 NB entrance ramp.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: N and S arrow signs mounted to center vertical post w/impact damage - mod to N arrow sign and minor to S arrow sign. Addl mod damage to yellow "passenger cars" sign beneath and sign rotates left and right but fasteners are intact. There are several missing sign clips (in a pattern). Center light on 95 SB sign is out.

SUPERSTRUCTURE

7: Some anchor bolts at the towers are not fully engaged. There are gaps up to 3/16" at the tower/chord connections.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 65.8

NG Toll 1 Mile NB

INSPECTOR(S): SPS
INSPECTION DATE: 05/18/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

1 mile S of New Gloucester toll on NB. Cantilever overhead sign constructed in 2013.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Missing (2) sign clips on E sign.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 66.2

NG Toll 3/4 Mile NB - Weymouth Road

INSPECTOR(S): SPS
INSPECTION DATE: 05/18/2016

AGP

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

3/4 mile S of New Gloucester toll on NB. Bridge mounted sign constructed in 2013.

SIGN DATA

11: (2) missing/disengaged sign conn clips.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 66.4

NG Toll 1/2 Mile NB

INSPECTOR(S): SPS
INSPECTION DATE: 05/18/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

1/2 mile S of New Gloucester toll on NB. Cantilever overhead sign constructed in 2013.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: There are missing sign clips.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 66.8

NG Toll Sign NB

INSPECTOR(S): SPS AGP
INSPECTION DATE: 05/18/2016

FOUNDATION

1. Concrete	9
2. Erosion	9
3. Settlement	11
4. Miscellaneous	9

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	11

At New Gloucester toll on NB. Overhead sign constructed in 2013.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 67

NG Toll NB Space Frame

INSPECTOR(S): SPS
INSPECTION DATE: 05/18/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

At New Gloucester toll on NB. Space frame constructed in 2013.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SUPERSTRUCTURE

5: A few small areas of minor corrosion/missing galvanization.

7: The connection from Node 79 at Node 86 is not tightened completely. E base pl anchor bolt jam nuts are all able to be loosened by hand (E base pl unable to be verified during visual insp due to speed tolling lane and unsafe access).

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 67

NG Toll SB Space Frame

INSPECTOR(S): SPS
INSPECTION DATE: 05/19/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

At New Gloucester toll on SB. Space frame constructed in 2013.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: The grout pads exhibit hairline cracks.

SUPERSTRUCTURE

7: W base pl anchor bolt jam nuts are all able to be loosened by hand (E base pl unable to be verified during visual insp due to speed tolling lane and unsafe access).

AUBURN

MILE 67.0 to MILE 86.7

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 67.2

NG Toll Sign SB

INSPECTOR(S): SPS
INSPECTION DATE: 05/19/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

At New Gloucester toll on SB. Overhead sign constructed in 2013.

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: A few sign clips are missing/improperly installed.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 67.5

NG Toll 1/4 Mile SB - Mayall Road

INSPECTOR(S): SPS
INSPECTION DATE: 05/19/2016

AGP

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

1/4 mile N of New Gloucester toll on SB. Bridge mounted sign constructed in 2013.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: 1 missing/disengaged sign conn clip at upper E corner.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 67.7

NG Toll 1/2 Mile SB

INSPECTOR(S): SPS
INSPECTION DATE: 05/19/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	4
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

1/2 mile N of New Gloucester toll on SB. Cantilever overhead sign constructed in 2013.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Missing (1) sign conn clip.

SUPERSTRUCTURE

7: Upper chords' saddle plates deformed with 1/8" gap at south and north ends. The northeast stiffener for the upper chords' saddle plate has a 1" long crack at the toe of the weld. 1" long crack at the toe of the weld for the northeast stiffener of the upper chords' saddle plates.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 68.1

NG Toll 1 Mile SB

INSPECTOR(S): SPS AGP
INSPECTION DATE: 05/19/2016

FOUNDATION

1. Concrete	9
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	9
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

1 mile N of New Gloucester toll on SB. Cantilever overhead sign constructed in 2013.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: There is a missing sign clip.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 75.3

AVI Mast NB on

INSPECTOR(S): SPS
INSPECTION DATE: 05/20/2016

AGP

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Refer to the 2014 hands-on inspection report.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 75.3

Overheight Detector - NB

INSPECTOR(S): SPS
INSPECTION DATE: 05/20/2016

AGP

FOUNDATION

1. Concrete	9
2. Erosion	9
3. Settlement	9
4. Miscellaneous	13

SUPERSTRUCTURE

5. Steel Members	9
6. Collision Damage	11
7. Connections	8
8. Paint	9
9. Miscellaneous	11

SIGN

10. Reflectivity	9
11. Miscellaneous	7

Two detectors, both detectors located just west of Rte 202 on interchange. One is located north of ramp, one is located south of ramp.
Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: 1 connection clip missing from backside of sign N of NB ramp.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 75.3

AVI Mast NB off

INSPECTOR(S): SPS
INSPECTION DATE: 05/20/2016

AGP

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SUPERSTRUCTURE

7: There is up to a 3/16" gap along the lower edge of the connection.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 75.6

Washington St. & MCRR

INSPECTOR(S): SPS
INSPECTION DATE: 05/20/2016

AGP

FOUNDATION

1. Concrete	11
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	11

Sign located on the west fascia of the SB bridge.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 80.3

AVI Mast SB off

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SUPERSTRUCTURE

7: The anchor bolts are sitting in pockets with accumulated water. There is minor corrosion at the AVI T-joint connections.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 80.3

AVI Mast NB off

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Wires at top of pole exposed and taped. Access cover missing and vacant hole in pole.

SUPERSTRUCTURE

7: Leveling nuts are in pocket on top of pedestal in standing water 1.5" deep. Multiple washers installed on above & below base plate. One anchor bolt cover off, resting on base pl and exposing anchor bolt.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 80.3

AVI Mast SB on

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Refer to 2014 hands-on inspection report.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 80.3

AVI Mast NB on

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	7
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

SUPERSTRUCTURE

7: There are gaps up to 1/8" and 1/16" at the lower south arm/tower connection & upper north arm/tower connection, respectively.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 86.1

AVI Mast SB off

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	7

Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Mod surface rust of threaded insert from cabinet to pole.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 86.1

AVI Mast NB on

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	7

Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Mod surface rust of threaded insert from cabinet to pole.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 86.1

AVI Mast SB on

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	7

Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Cabinet loose, able to be moved by hand. Mod surface rust of threaded insert from cabinet to pole.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 86.1

AVI Mast NB off

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	7

Refer to the 2014 hands-on inspection report.

SIGN DATA

11: Mod surface rust of threaded insert from cabinet to pole.

GARDINER

MILE 100.2 to MILE 108.8

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 102

Gardiner Travel Plaza

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	11

Sign is located south of toll plaza over SB lanes. Adj bridge/toll plaza oriented west to east.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 103

Exit 103 High Mast Lighting

INSPECTOR(S): BRD AGP
INSPECTION DATE: 06/09/2016

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	11
11. Miscellaneous	11

HM-29 is located south of toll plaza and HM-30 is located north of toll plaza. Refer to the lighting plan in the Lighting Inspection Section for location and numbering of high mast poles. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: BOTH HMs: Mod rust staining. HM-29: Top of fdn w/ up to 1/16"W mc w/ minor areas of delam. Isolated 1/16"W vert crks on faces.

SIGN DATA

11: HM-29: One bolt missing for access cover.

SUPERSTRUCTURE

5: HM-29: Top section w/ slight tilt NE. HM-30: Top section w/ slight tilt N.

7: Anchor bolts and nuts exhibit minor rust staining.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 103.1

Mile 103.1 - S.B.

INSPECTOR(S): BRD
INSPECTION DATE: 06/08/2016

AGP

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	7
11. Miscellaneous	6

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: Grout collars w/ scattered hlcs w/ minor eff/moist and up to 20% delam.

SIGN DATA

11: East sign w/ two 1" diameter holes. There are several missing sign clips.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 103.6

Mile 103.6 - S.B.

INSPECTOR(S): BRD
INSPECTION DATE: 06/08/2016

AGP

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	7

Some comments from 2014 hands-on inspection. Refer to the 2014 hands-on inspection report.

FOUNDATION

1: EAST: Grout collars 25% delaminated.

SIGN DATA

11: There are missing/improperly installed sign clips.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 105.9

Overheight Detector - SB

INSPECTOR(S): BRD
INSPECTION DATE: 06/08/2016

AGP

FOUNDATION

1. Concrete	8
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	6

Components located on SB at MM 105.9, 104.6 & 103 (just prior to SB off-ramp). At MM 105.9: Two steel poles w/ overheight detector, one warning sign on steel pole w/ initiated flashing lights & one aluminum pole w/ antenna. At MM 104.6 & 103: One warning sign on steel pole w/ initiated flashing lights & one aluminum pole w/ antenna.

SIGN DATA

11: W DETECTOR AT MM 105.9: Crkd PVC conduit insert at base w/ exposed wires.

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FALMOUTH SPUR

MILE FS 0.0 to MILE FS 3.7

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 0.6

Auburn Street - WB

INSPECTOR(S): KEB
INSPECTION DATE: 06/23/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	8
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	7

Overhead sign structure over WB lanes on the Auburn Street Bridge

FOUNDATION

1: Minor spalling around the N anchor bolt of the S anchor plate.

SIGN DATA

11: S SIGN: 1 missing/disengaged sign conn clip. N SIGN: 2 missing/disengaged sign conn clip.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 3.7

Falmouth Spur - EB

INSPECTOR(S): KEB
INSPECTION DATE: 06/23/2016

BRG

FOUNDATION

1. Concrete	8
2. Erosion	8
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	11

SIGN

10. Reflectivity	8
11. Miscellaneous	11

Overhead sign structure over EB lanes W of Rt 9 Bridge.

SUPERSTRUCTURE

7: The splice connections and a strut exhibit minor corrosion.

Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

MILE: 11.6

Johnson Road - I-295 S.B.

INSPECTOR(S): KEB
INSPECTION DATE: 06/23/2016

BRG

FOUNDATION

1. Concrete	7
2. Erosion	11
3. Settlement	11
4. Miscellaneous	11

SUPERSTRUCTURE

5. Steel Members	8
6. Collision Damage	11
7. Connections	8
8. Paint	11
9. Miscellaneous	5

SIGN

10. Reflectivity	11
11. Miscellaneous	11

VMS is located one mile north of Falmouth Spur on the southbound side of I-295 adjacent to Johnson Rd underpass at MM 11.6.

FOUNDATION

1: The west and east grout pads exhibit heavy deterioration with 1/8" wide cracks, heavy spalling, undermining of base plate, evidence of moisture, and exposure of leveling nuts.

SUPERSTRUCTURE

7: Several bolt connections exhibit corrosion.

9: Structure exhibits significant amount of sway under light wind load and gusts from truck traffic.

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Chapter L
Propane Tanks

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YORK

MILE 0.3 to MILE 20.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
1	6.8	York Maintenance Area Tanks mounted on concrete slab. Heavy paint peeling easterly tank, also some rust spots on easterly tank. No bracing between tanks and piping.	3	6	9	HME	PDB	03/31/2016
1	7.3	York Barrier Toll Plaza (at bldg.) Tanks mounted on 18"x36" concrete pads. Paint peeling w/ exp. rust on the bottom. Tanks located N. of bldg. 2 tanks have conc. riser blocks on N. legs; beginning to crack. West tank cover rests on flexible pipe against clip causing crimp. Main feed line into ground corroded@ 1' above ground. Smell of propane	3	7	9	HME	PDB	03/31/2016
1	7.3	York Barrier Toll Plaza Tanks mounted on concrete pads. Tanks located by parking lot. Pipe bracing loose. Tanks refurbished. Paint on valve covers almost completely peeled. Covers do not close properly, rest on connection pipes. southwesterly tank pads uneven.	3	9	9	HME	PDB	03/31/2016
1	19.3	Wells Toll Plaza Tanks mounted on concrete blocks. Minor rust on tanks.	3	8	9	HME	PDB	03/31/2016

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KENNEBUNK

MILE 20.0 to MILE 38.0

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**Maine Turnpike Annual Inspection
2016
Inspection Field Report
HNTB Corporation**

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
2	25.4	Kennebunk Maintenance Area - 10 Bay Bldg #9 Tanks mounted on individual slabs. All tanks have rusting at various locations, starting to blister in several locations. No blocking between tanks and piping.	4	7	8	HME	PDB	03/31/2016
2	25.4	Kennebunk Maintenance Area - near Bldg # 4 Tanks mounted on concrete blocks. Section of line rusting from regulator to ground. Moderate rusting and blistering from above and below the spring line of tanks to ground, south tank only. Piping loose with no bracing between tanks and piping.	4	9	8	HME	PDB	03/31/2016
2	25.5	Kennebunk Toll Plaza -(MM 25) SB Tank mounted on concrete slab, spalling on W side. Rusting and pitting most severe on top and under cover. Flexible pipe not painted. Bollards need paint. Tank wobbles.	1	6	8	HME	PDB	03/31/2016
2	25.5	Kennebunk Toll Plaza -(MM 25) NB Tank mounted on 4' x 12' concrete slab. minor rust spots on tanks and cover. Warning/ No smoking signs down and deteriorates. Rusty JT's on vertical piping.	1	8	8	HME	PDB	03/31/2016
2	31.6	Behind Toll plaza Building Tank mounted on 3'x3' concrete pad. Flexible lines not painted yellow.	1	9	9	HME	PDB	03/23/2016
2	31.6	Biddeford Toll Plaza Tanks mounted on 12' x 18' concrete slab. Paint peeling with pits forming on Northern tank. No bracing between tank and lines.	2	7	9	HME	PDB	03/23/2016
2	35.7	Saco Toll Plaza Tanks mounted on 18" x 36" concrete pads. Rusting on lower half of vertical pipe(painted). Tanks newly refurbished.	3	9	9	HME	PDB	03/23/2016

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CROSBY

MILE 38.0 to MILE 52.7

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
3	42.5	Scarborough Toll Plaza	2	7	7	HME	PDB	03/22/2016
Tanks mounted on concrete blocks and surrounded by crushed stone. Flexible Lines not painted. Paint peeling on tanks. Valve cap broken on E. tank. Bollards need paint.								
3	44.3	I-295 Toll Plaza	2	8	7	HME	PDB	03/23/2016
Tanks mounted on 12' x 18' concrete slab. No blocking between piping and tanks. Severe rusting on vertical pipe, has been painted. Rust spots on Southerly tank. Valve cap broken on N. tank.								
3	44.9	South Portland Toll Plaza	3	8	8	HME	PDB	03/22/2016
Tanks mounted on 18" x 36" concrete blocks. Newly painted tanks and lines. Flex yellow over copper pipe. GR detached from end post adj. to employee parking. Minor rust spots around joints. Top rust minor, tank 1 the worst. paint cracking in lines near garage.								
3	45.8	Crosby Maintenance Area - By fuel tanks	2	8	8	HME	PDB	03/31/2016
Tanks mounted on 18" x 36" concrete blocks. Minor rusting at welded joints.								
3	45.8	Crosby Maintenance Area - 10 Bay - Bldg #5)	2	8	8	HME	PDB	03/31/2016
Tanks mounted on 18" x 36" concrete blocks. West end of southerly tank is slightly out of level. No blocking between piping and tanks. No smoking sign down, placard missing.								
3	45.8	Crosby Maintenance Area - 5 Bay (Bldg #3)	3	8	8	HME	PDB	03/31/2016
Tanks mounted on 18" x 36" concrete blocks. Moderate rust on guages. No offset blocks between tank and piping.								
3	46.3	Jetport NB Toll Plaza	2	8	8	HME	PDB	03/22/2016
Tanks mounted on 4'x12' concrete pads. Northerly tank shifted and leaning on conc. pad lift handle. Vertical pipe rusting. Rust starting on tanks. N. tank slab cracked in center. N. tank valve cap damaged. GR on N. end damaged.								
3	46.3	Jetport SB Toll Plaza	2	9	7	HME	PDB	03/22/2016
Tanks mounted on 4'x12' concrete pads. Flexible piping not painted. Vertical pipe starting to rust. Minor GR collision damage between Park & Ride and tank posts damaged; end post detached, rail loose.								
3	47.3	Westbrook/Rand Rd Toll Plaza	2	8	8	HME	PDB	03/22/2016
Tanks mounted on 6 blocks,(8"x16"x3") 4 bottom & 2 top on each side (12 per tank). Vertical pipe severely rusted. Line of rust on Southerly tank. NW block cracked in half. Valve cover detached from south tank.								
3	52.1	Falmouth Toll Plaza (Falmouth Spur)	3	8	8	HME	PDB	04/01/2016
Tanks mounted on 18" x 36" concrete blocks. Rust and pitting developing on tanks and piping. Minor crimp in copper piping E. most tank. No offset blocks between tank and piping.								

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GRAY

MILE 52.7 to MILE 67.0

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
4	52.4	West Falmouth/Cumberland Toll Plaza	3	8	7	HME	PDB	04/01/2016
Tanks mounted on 2'x3' concrete pads. Minor rust spots on tanks. Middle guardrail post leaning towards and close to tank, approximately 6" separation.								
4	58	Cumberland Service Area (MM 58) - SB	3	6	7	HME	PDB	03/16/2016
Tanks mounted on concrete slab. Tank paint peeling and rusting, heavy in some spots, especially the south tank under sides worst. Pipe lines painted gray peeling/rusty, minor rusting and not adequately supported. North regulator guage damaged-inner panel may interfere w/ reading. Can not read south gauge. Support legs on south tank severely rusted.								
4	58.03	Sign Shop - Building 4	2	8	7	HME	PDB	03/16/2016
Tanks mounted on 2 concrete slabs, lines need painting. Hairline crack in northern most slab. Tanks exhibit minor rusting. Valve cover hits piping/dented on both tanks.								
4	58.03	Sign Shop - Building 1	1	7	8	HME	PDB	03/16/2016
Tank mounted on concrete blocks 8" x 15" x 1.5". Heavy rust spots on tank and lines. Concrete blocks cracked under NE & SW leg. No blocking between piping and tank. Tank feet heavily rusted.								
4	59	Gray Service Area (MM 59) - NB	3	6	8	HME	PDB	03/16/2016
Tanks mounted on concrete blocks are starting to crack. Rusting and peeling on tanks. Severe rust and scaling on north tank, paint peeling, cover on north tank not attached, lines need to be painted yellow. No blocking between piping and tanks. Minor rusting on piping.								
4	63.1	Gray Toll Plaza	4	8	8	HME	PDB	04/01/2016
Tanks mounted on 4'x12' concrete pads. Vertical pipe needs paint. Northernmost tank resting on conc. pad lift ring. NW leg not sitting on pad. Flex yellow covering copper pipe. Minor rusting starting on all tanks. Valve cap damaged/cracked on all tanks.								
4	63.3	Gray Maintenance Area - Paintshop / 4 Bay	3	10	8	HME	PDB	03/16/2016
Tank mounted on 20' x 16' new pad. All new tank covers. Yellow flex pipe covers. Smell propane on northerly most tank - valves.								
4	63.3	Gray Maintenance Area - Sand/Salt Shed #10	2	8	11	HME	PDB	03/15/2016
Tanks mounted on 4'x16' concrete pad. Pipes not painted. Paint peeling on pipe leading to underground.								
4	63.3	Gray Maintenance Area - 8-Bay Bldg #6	3	8	7	HME	PDB	03/16/2016
Tanks mounted on 18" x 36" concrete blocks, western tank showing the most paint damage. N. end of each tank have additional blocks supporting the legs. Blocks under NW leg of westernmost tank are disintegrating and crumbling into pieces, should be replaced ASAP. Slight trace of odor at connecting nut on (2) outer tanks (westernmost is worst).								

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AUBURN

MILE 67.0 to MILE 86.7

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
5	77	Auburn Maintenance Center - Office (Bldg # 3) Tanks mounted on concrete blocks. Rust spots on tanks. Tanks on SE side of building. Lines sitting on tanks.	3	7	7	HME	CDH	04/27/2016
5	77	Auburn Maintenance Center - 8 Bay (Bldg # 2) Tanks mounted on concrete blocks and guardrail posts. Rust spots on tanks. Tanks on S side of building. Southeasterly most concrete block pad cracked.	2	7	7	HME	CDH	04/27/2016

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LITCHFIELD

MILE 86.7 to MILE 100.2

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
6	92.6	Litchfield Maintenance Area - 8 Bay - Bldg #4 Tanks mounted on concrete blocks. Gas lines painted white on the flex copper and yellow on the rigid lines. Tank on S. side of building. Paint on all (3) tanks is chipping away and exhibits rust. No offset blocks between tanks and lines. Tanks heavily rusted at each foot.	3	7	8	HME	PDB	03/25/2016
6	92.6	Litchfield Maintenance Area - Office - Bldg #7 Tanks mounted on 18'x36" concrete blocks. Tanks on W. side of building. All (4) tanks exhibit surface rust, could use fresh paint.	4	7	8	HME	PDB	03/25/2016

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GARDINER

MILE 100.2 to MILE 108.8

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Maine Turnpike Annual Inspection

2016

Inspection Field Report

HNTB Corporation

PROPANE TANK

Section	Mile	Location	Number of Tanks	Paint on Tanks	Paint on Lines	Team Lead	Inspector	Date
7	101.8	Gardiner Maintenance Area - 4 Bay (Bldg #3) Tanks mounted on 18"x36" concrete blocks. Lines have rust spots. Moderate rust and blistering on tanks at welds. Yellow paint peeling and rust on pipe to underground.	2	8	7	HME	PDB	03/25/2016
7	101.8	Gardiner Maintenance Area - 7 Bay (Bldg #2) Tanks mounted on concrete slab. Vertical gas lines painted yellow, needs painting, other interior/connecting soft copper lines are shielded with a blue flexible conduit. Minor blistering on tank. Tanks on E. side of building. Yellow paint peeling and rust on pipe to underground.	4	8	7	HME	CDH	04/27/2016
7	102	Service Station Tank mounted on 2'x4' concrete pads. Valve cover on tank does not properly align with connection pipes, but functional.	1	9	9	HME	PDB	03/25/2016
7	102	Plaza Building Tanks mounted on 2'x4' concrete pads. NE leg on NW tank not setting on concrete pad (1/2" gap). Lines not painted yellow. Minor rust on some of the tanks, blistering at the welds only. Valve cover on NE tank does not close properly. Regulator pressure gauge glass lense broken.	8	8	8	HME	CDH	04/27/2016

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Chapter M
Pavement at Facilities

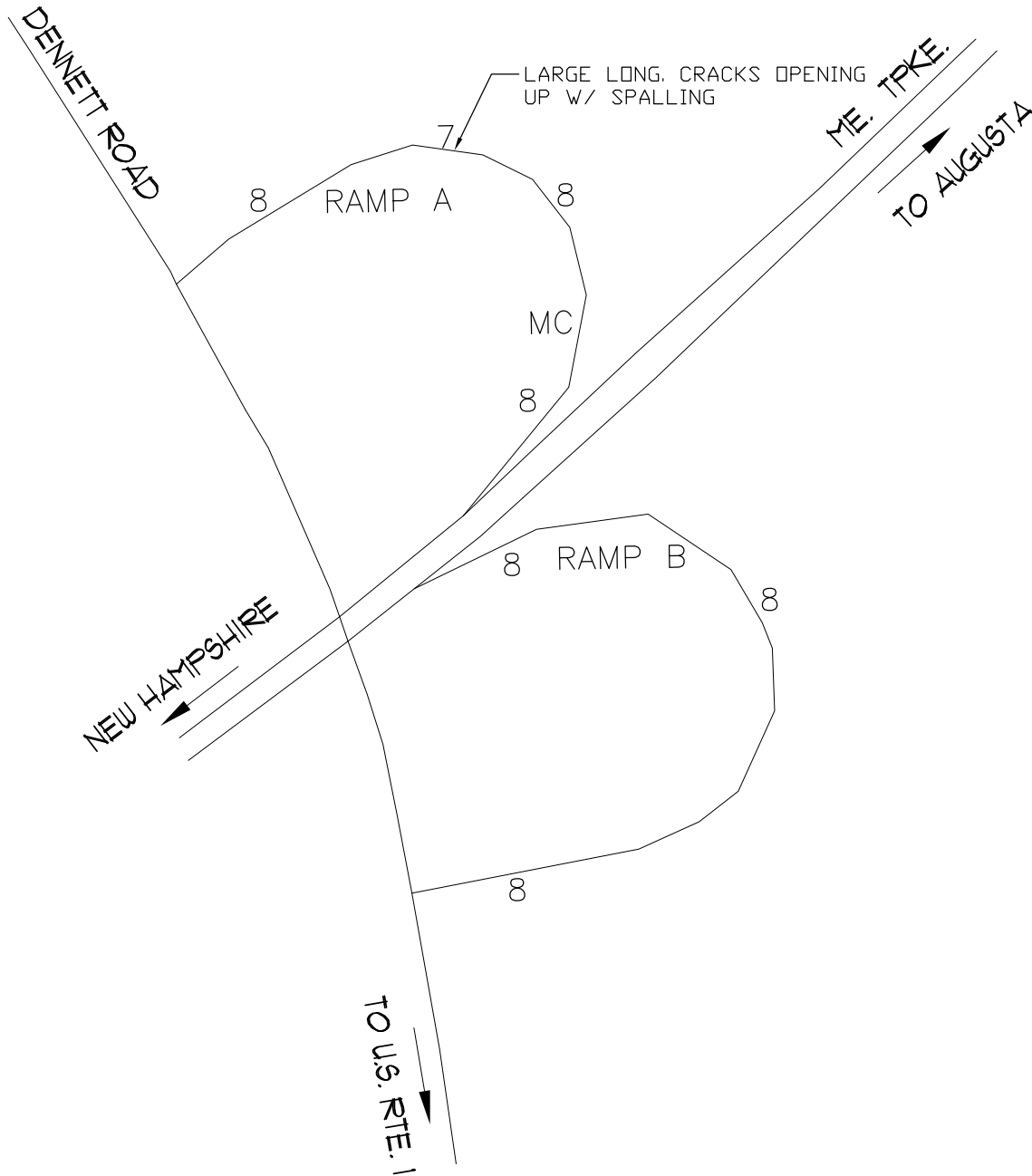
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YORK

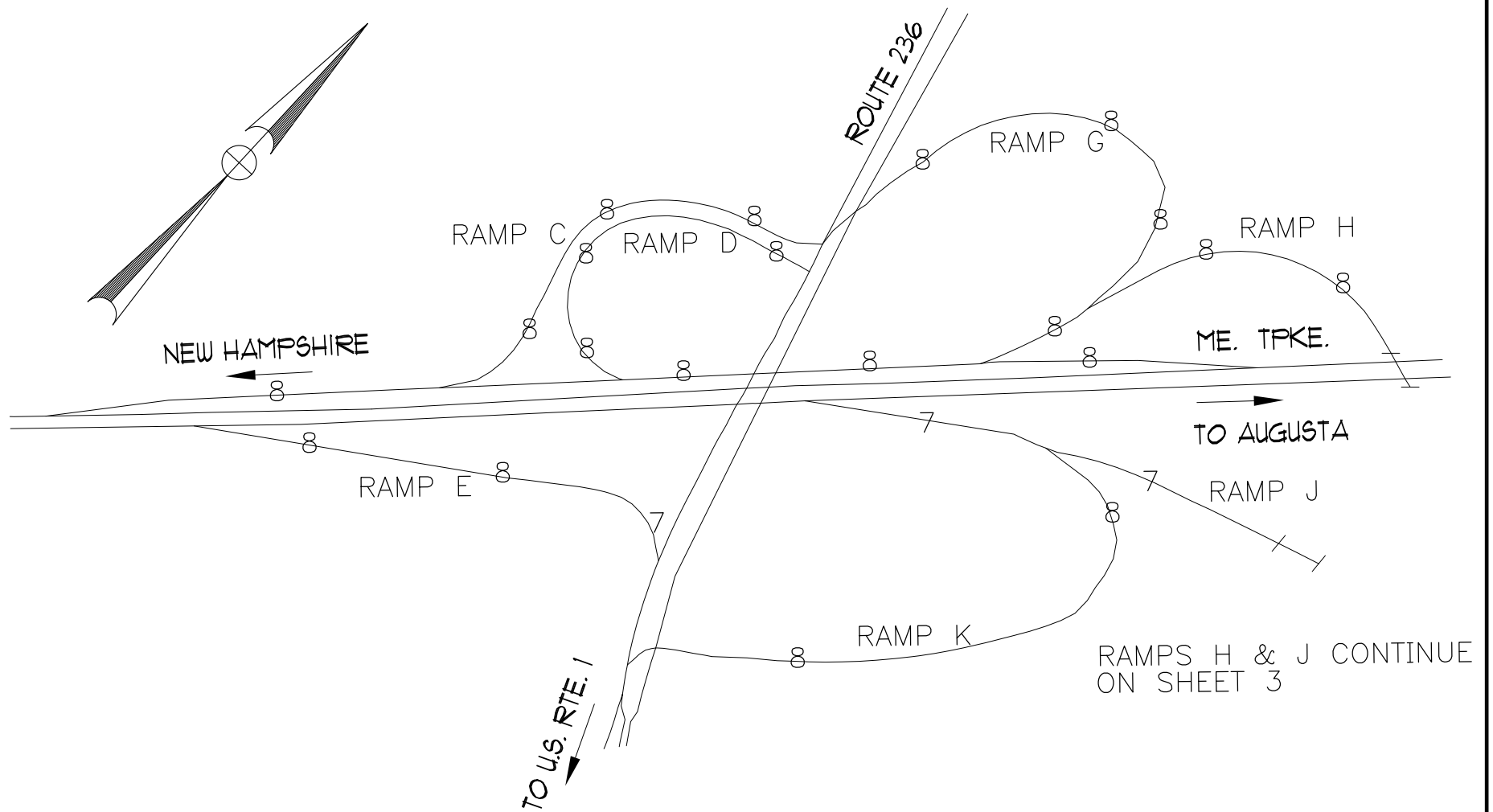
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INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/09/16

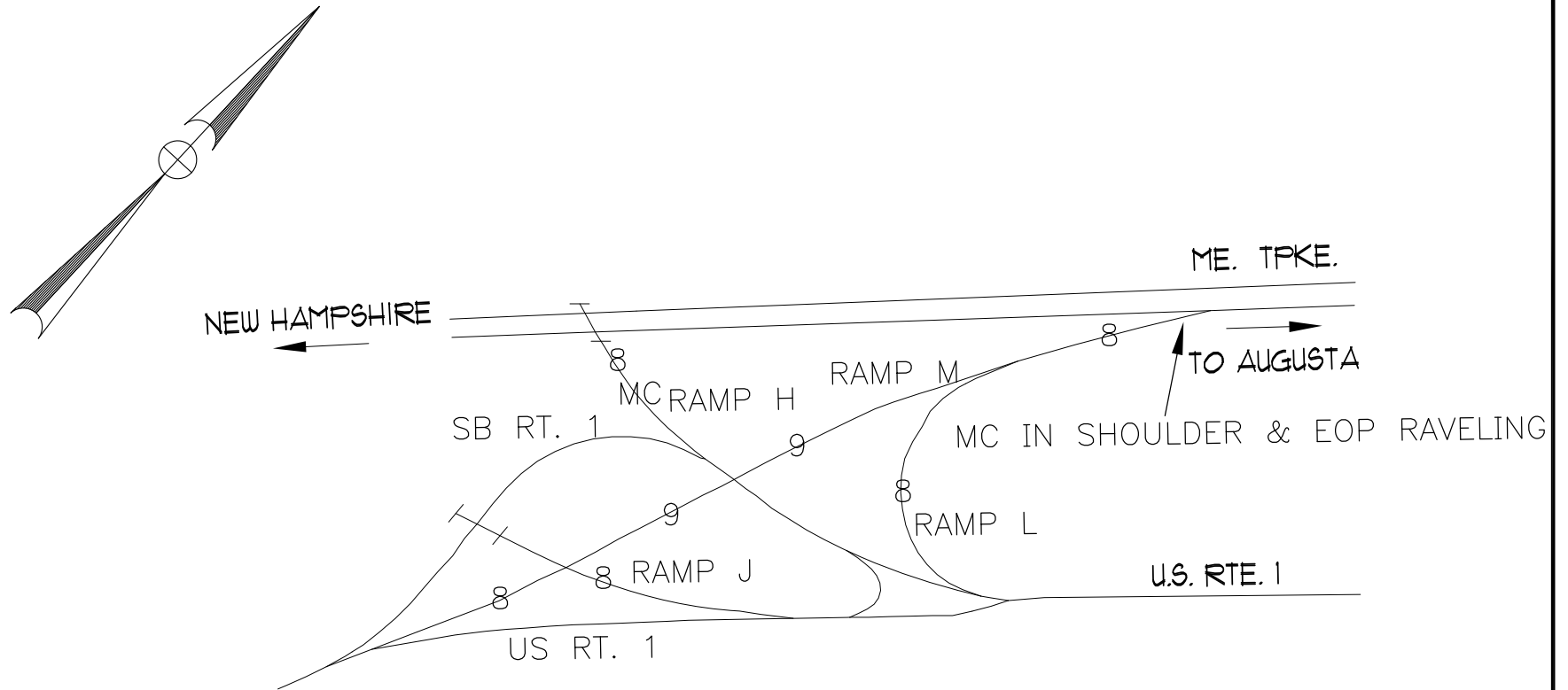


Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT DENNET ROAD KITTERY/ELLIOT EXIT 1
HNTB Engineers Architects Planners	
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INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/09/16

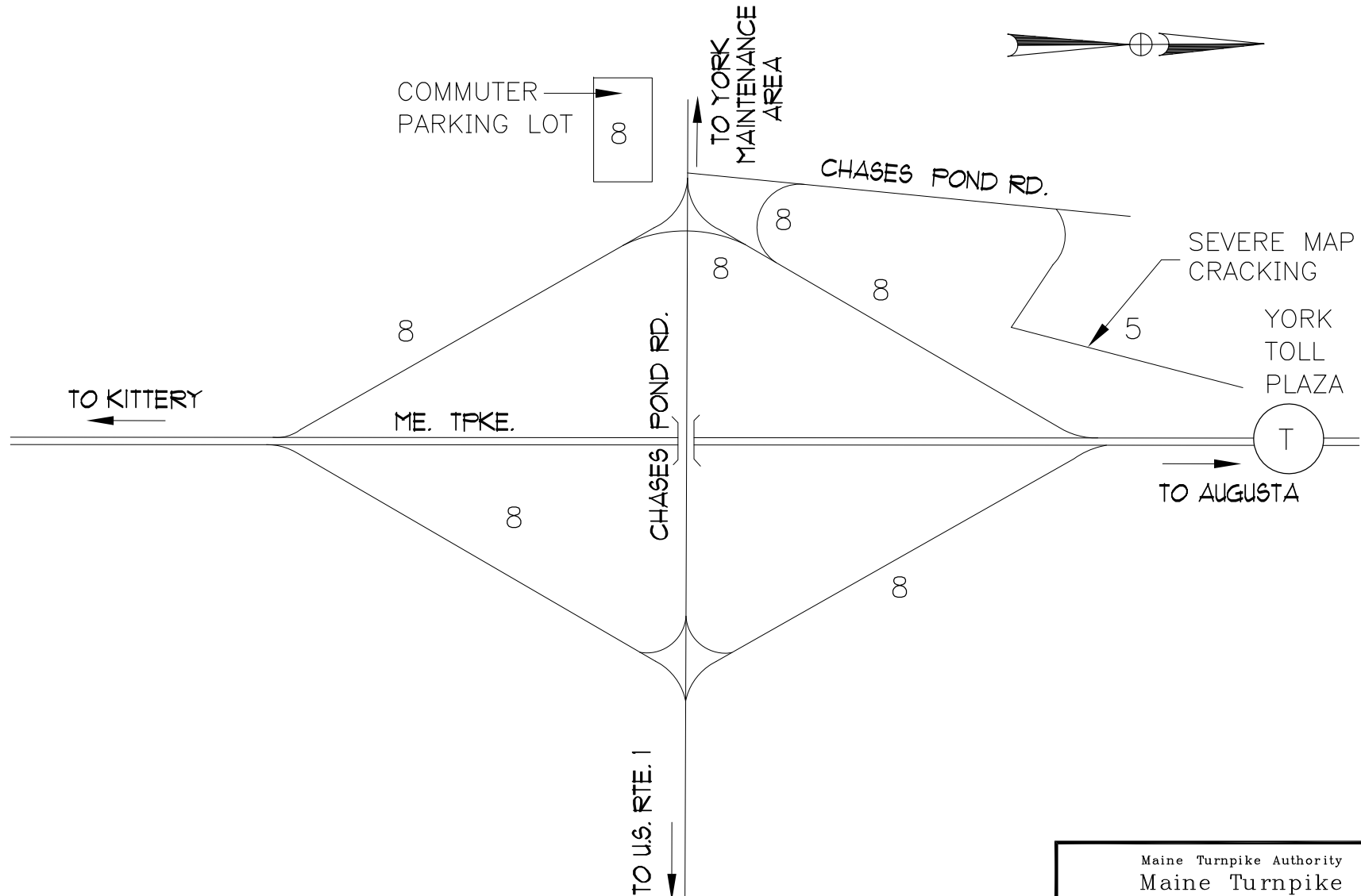
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	PAVEMENT ROUTE 236 KITTERY EXIT 2
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 2 of 40




INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/09/16

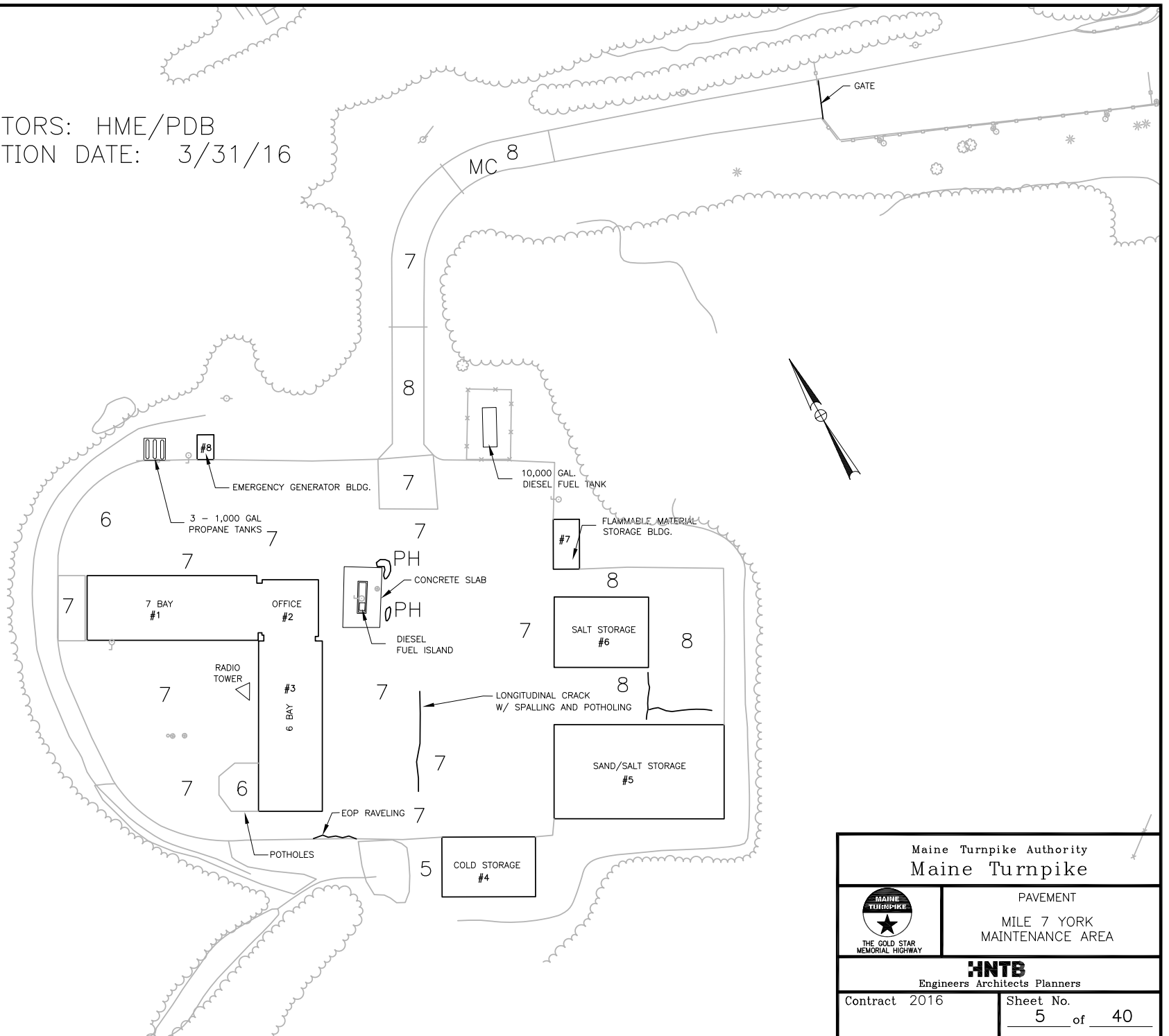
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HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 3 of 40


INSPECTORS: CAH/PDB
INSPECTION DATE: 05/09/16



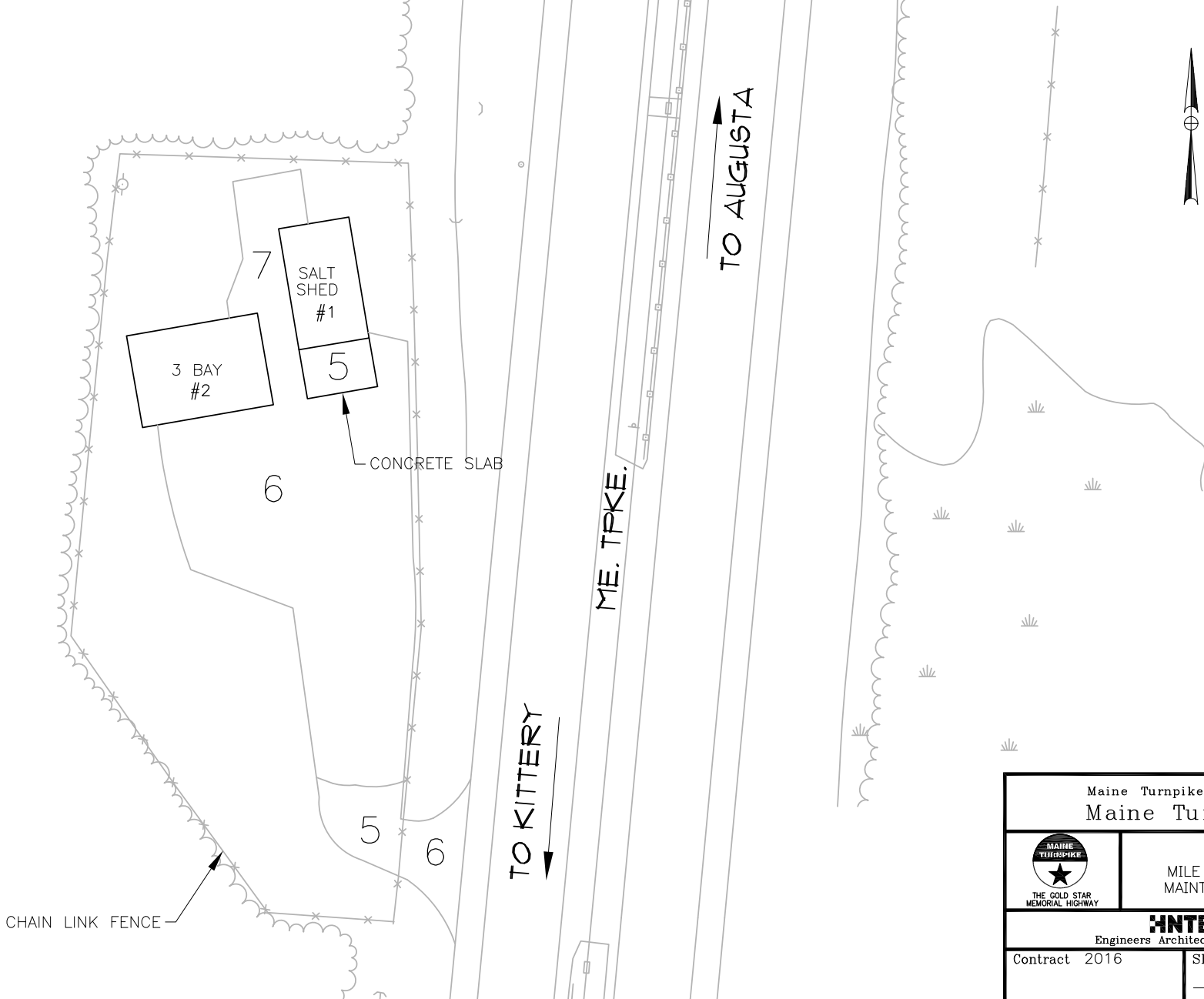
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HNTB Engineers Architects Planners	
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INSPECTORS: HME/PDB
 INSPECTION DATE: 3/31/16



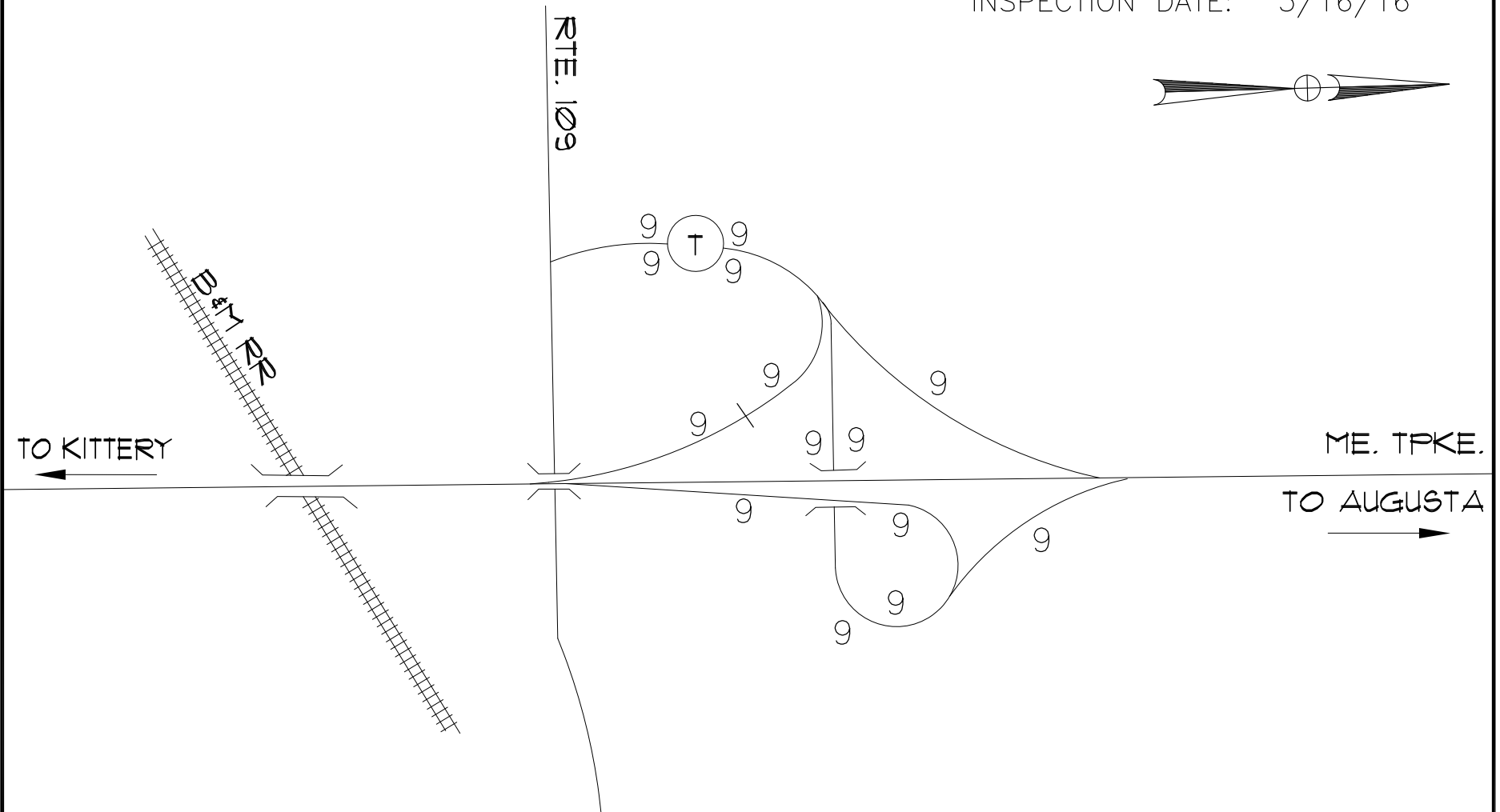
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 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT MILE 7 YORK MAINTENANCE AREA
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 5 of 40


INSPECTORS: CAH
INSPECTION DATE: 02/18/16



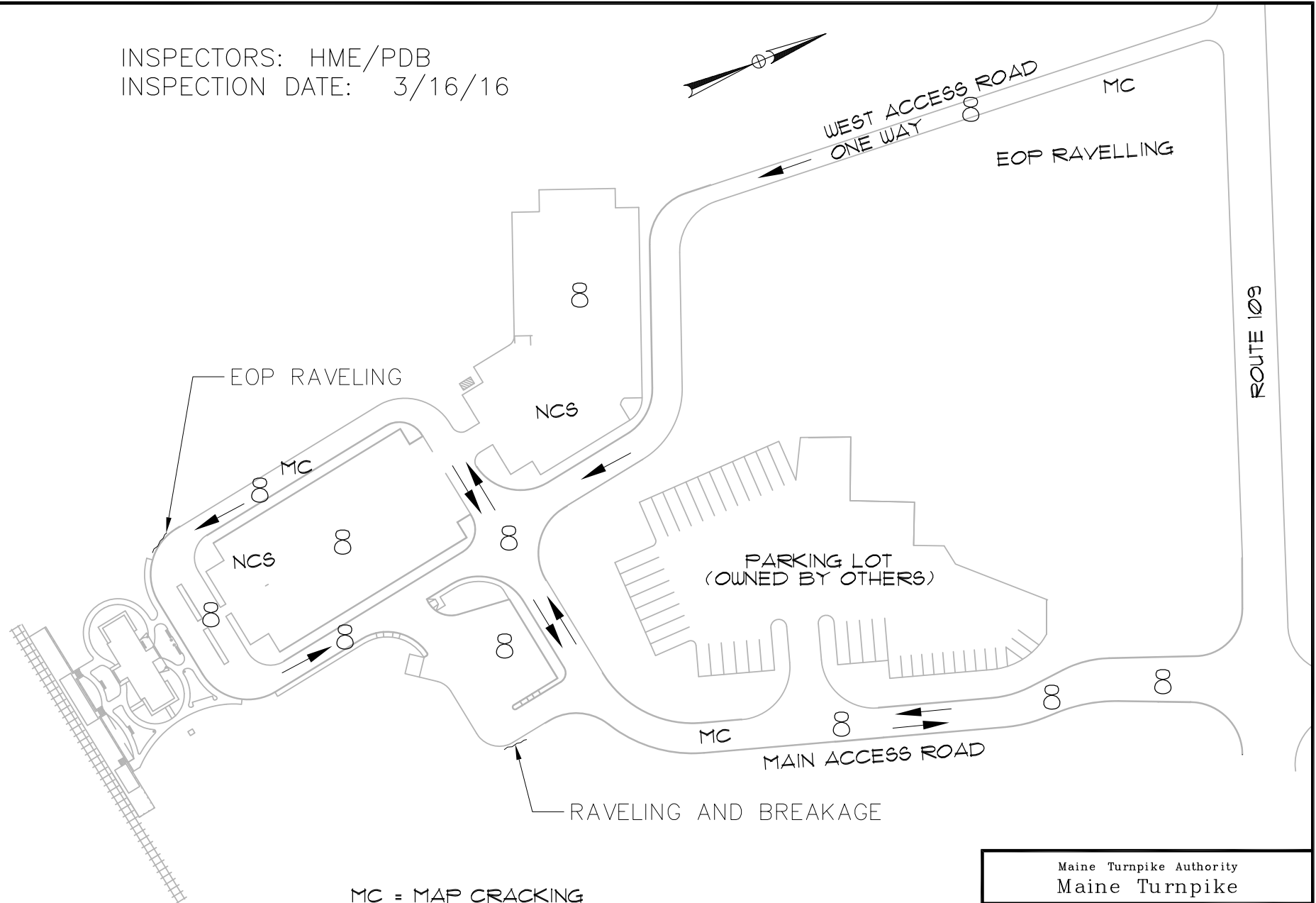
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	PAVEMENT MILE 10 SB YORK MAINTENANCE AREA
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 6 of 40

INSPECTORS: HME/PDB
 INSPECTION DATE: 3/16/16




Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	WELLS INTERCHANGE 19
HNTB Engineers Architects Planners	
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INSPECTORS: HME/PDB
 INSPECTION DATE: 3/16/16



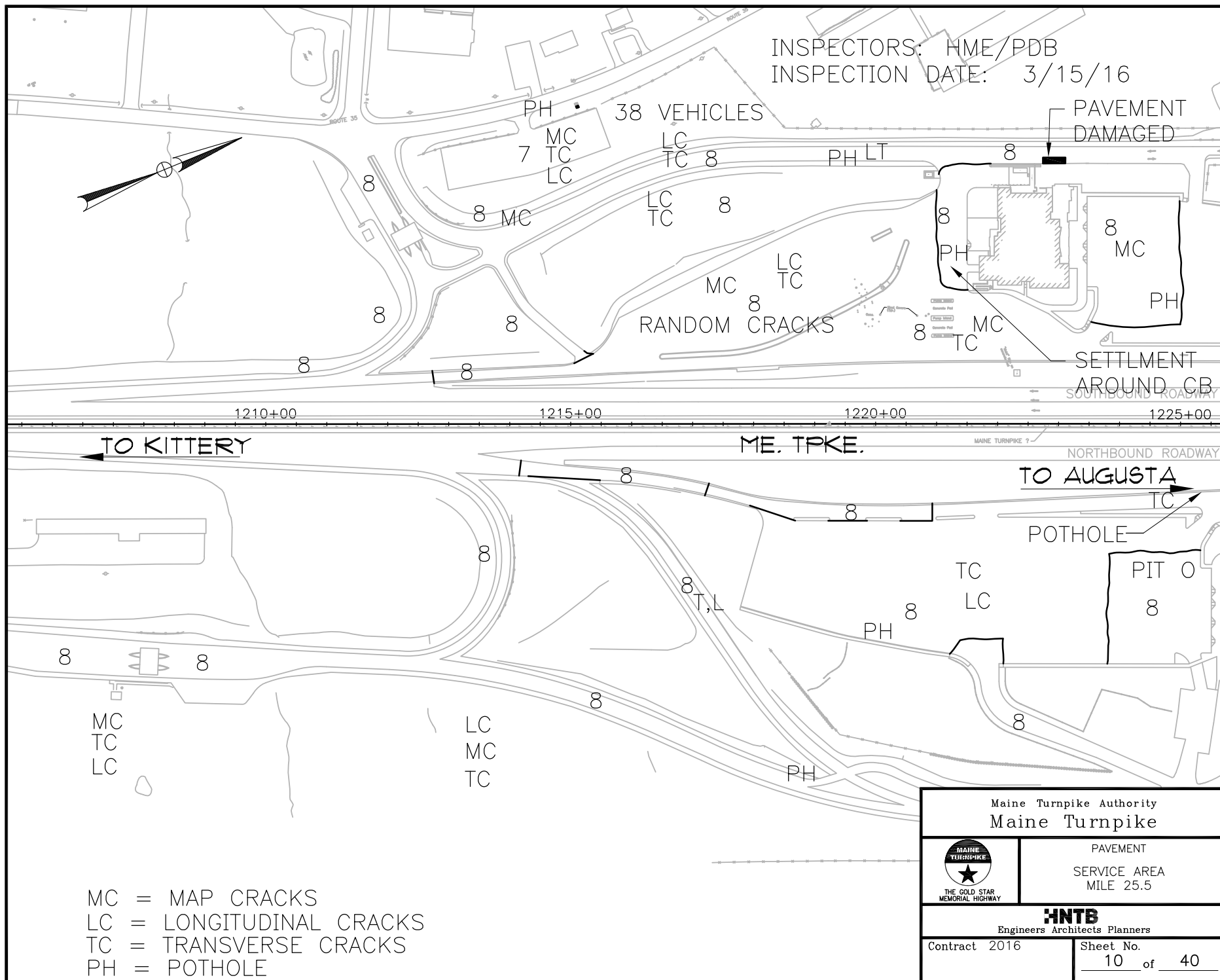
MC = MAP CRACKING
 NCS = NEEDS CRACK SEALING

Maine Turnpike Authority Maine Turnpike	
 <small>THE GOLD STAR MEMORIAL HIGHWAY</small>	PAVEMENT
	WELLS TRANSPORTATION CENTER
HNTB Engineers Architects Planners	
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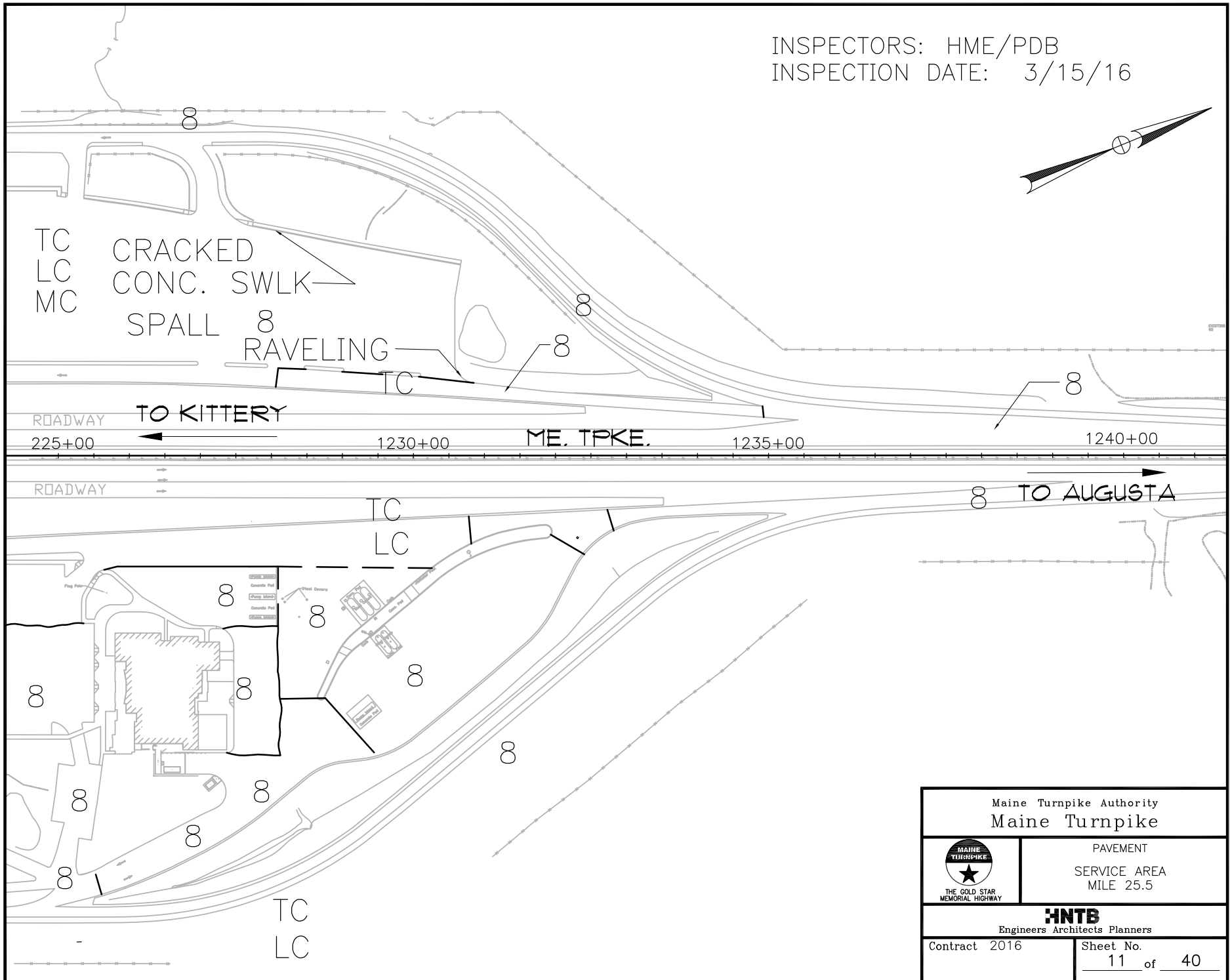
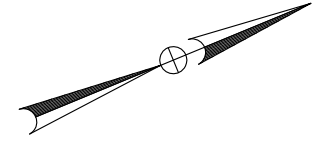
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MILE 20.0 to MILE 38.0

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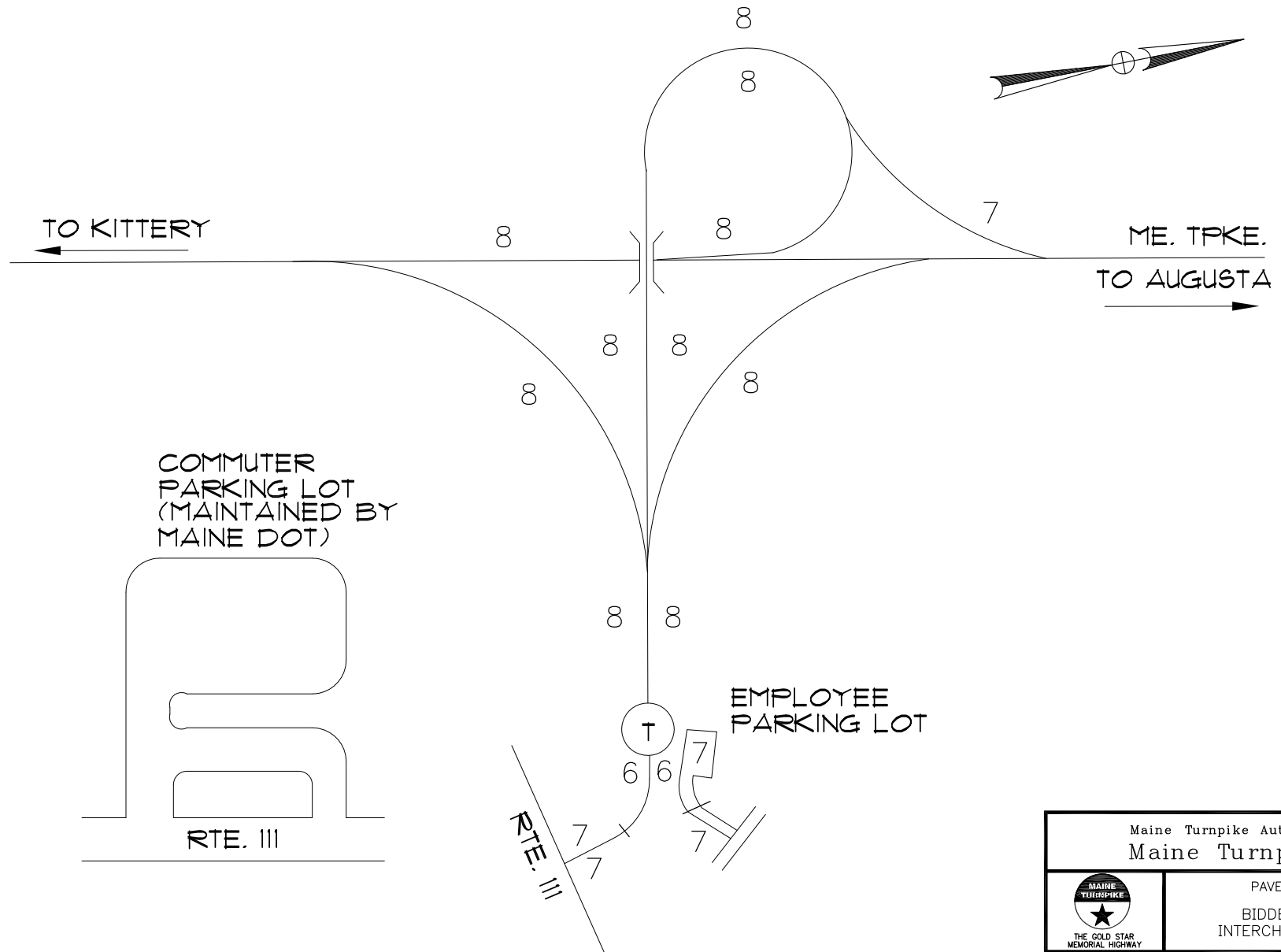



INSPECTORS: HME/PDB
 INSPECTION DATE: 3/15/16



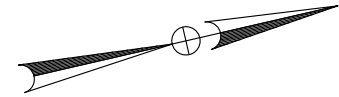
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	PAVEMENT
	SERVICE AREA MILE 25.5
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 11 of 40

INSPECTORS: CDH/PDB
 INSPECTION DATE: 06/16/16



Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	BIDDEFORD INTERCHANGE 32
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 12 of 40

INSPECTORS: HME/PDB
INSPECTION DATE: 3/31/16



TO KITTERY

ME. TPKE.

TO AUGUSTA

MC IN CENTER

MC AND LC

RAVELING AT SHOULDER

CONFERENCE
CENTER
HOTEL

NORTH ST. RTE. 112

GATE

OWNED BY OTHERS

Maine Turnpike Authority
Maine Turnpike



PAVEMENT

CONFERENCE CENTER
MM 35

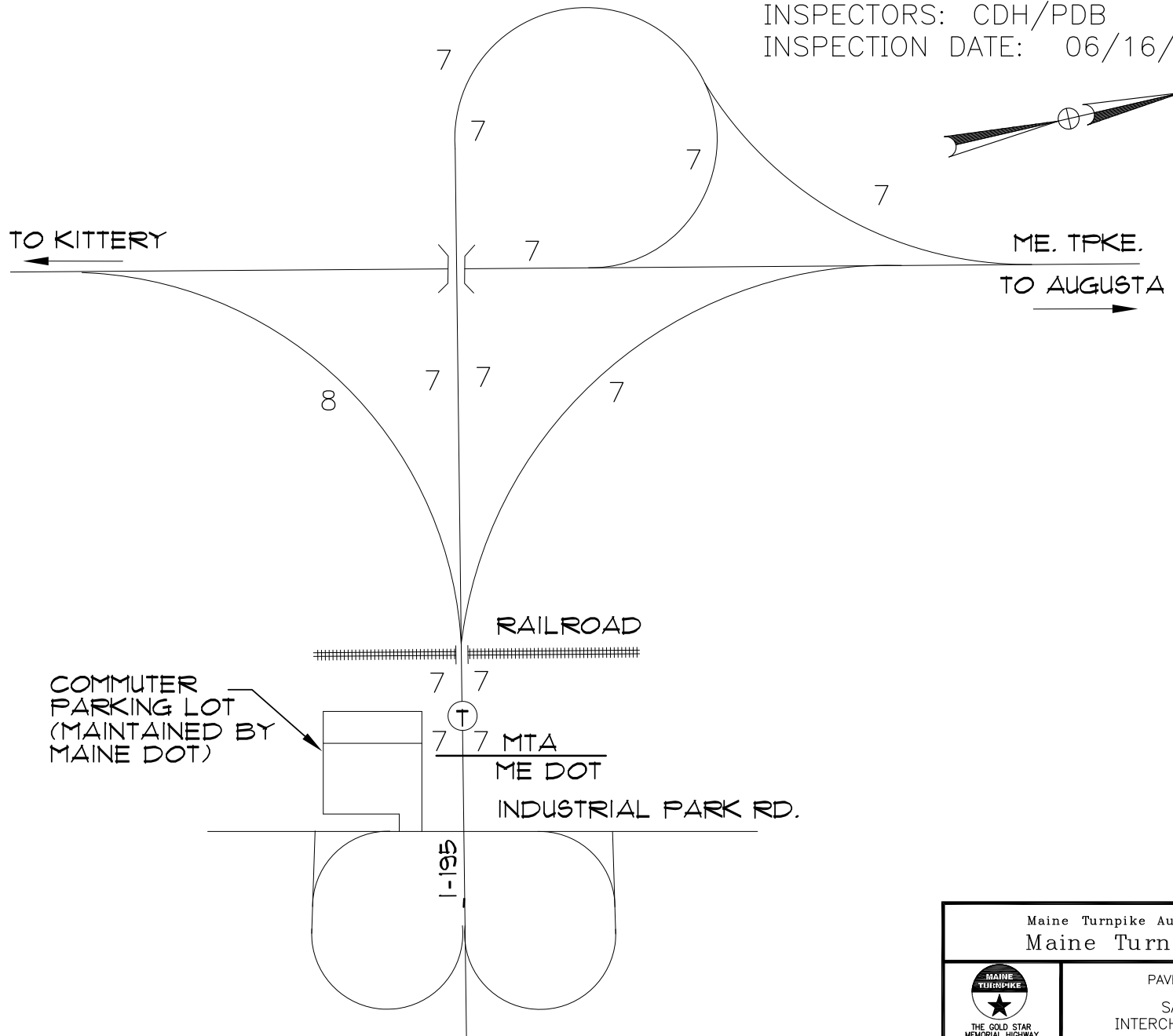
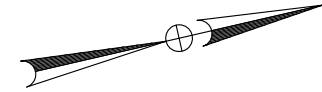
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Engineers Architects Planners

Contract 2016

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INSPECTORS: CDH/PDB
 INSPECTION DATE: 06/16/16



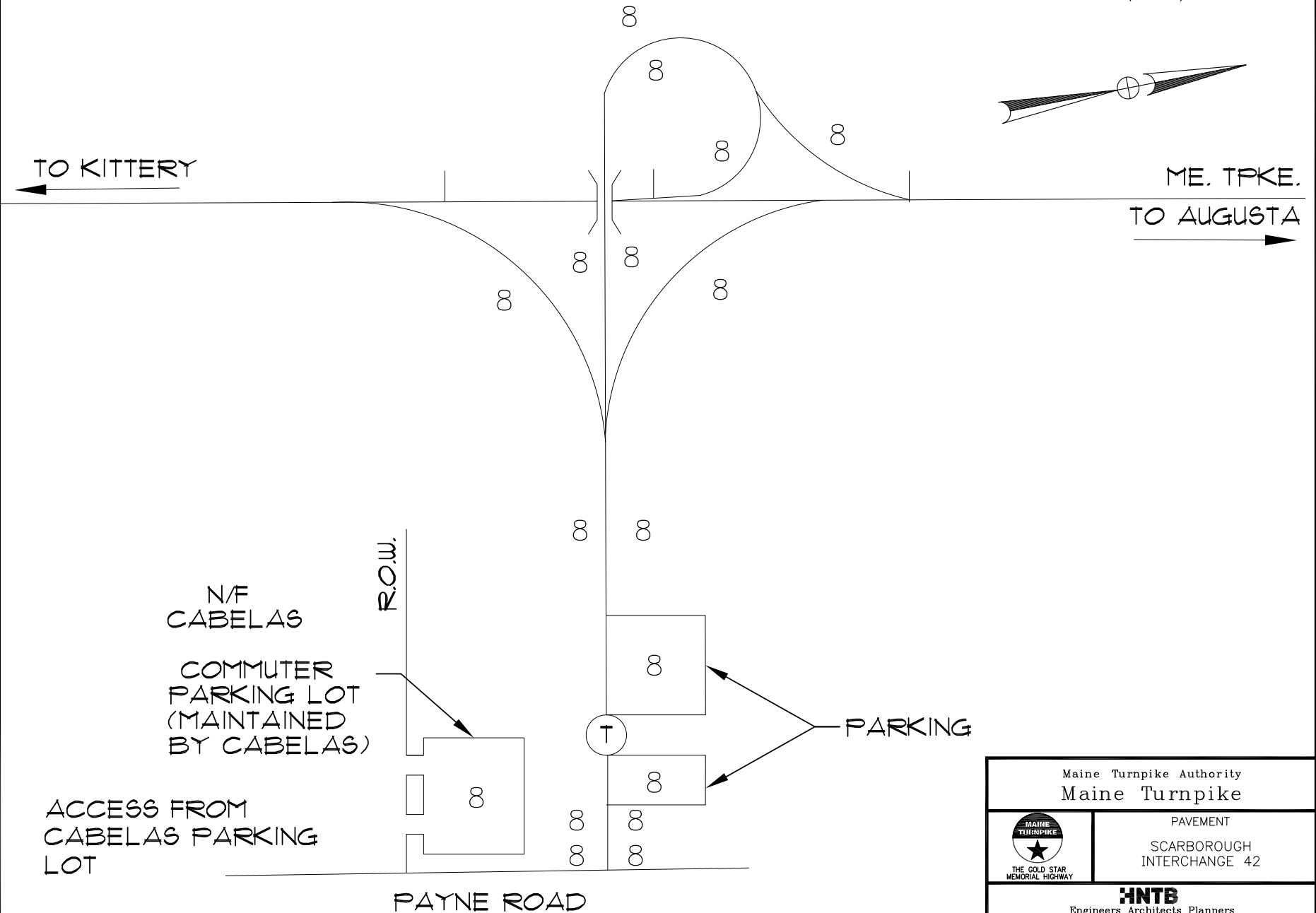
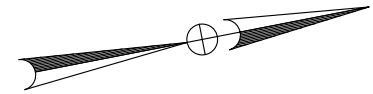
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	SACO INTERCHANGE 36
HNTB Engineers Architects Planners	
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CROSBY

MILE 38.0 to MILE 52.7

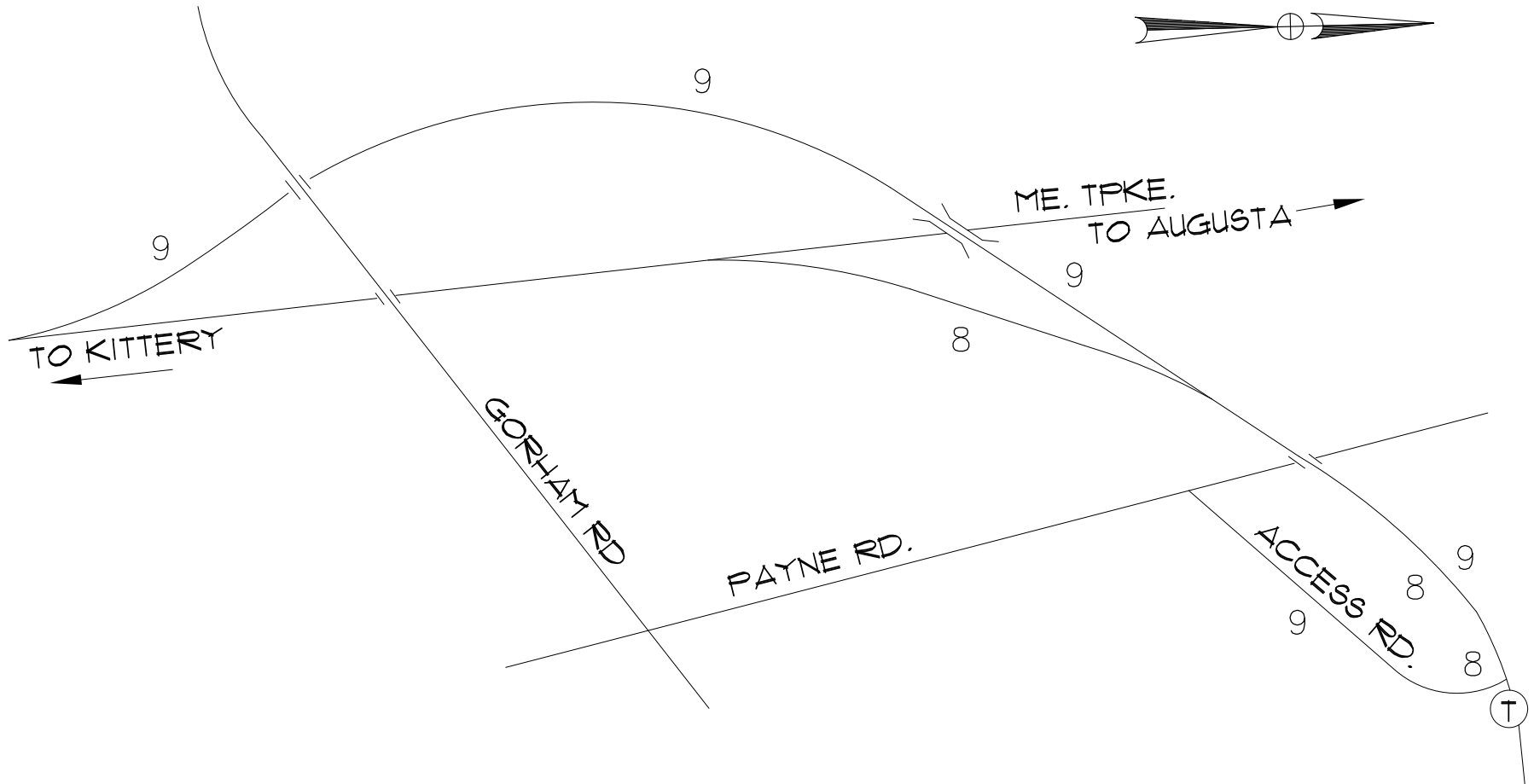
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INSPECTORS: CDH/PDB
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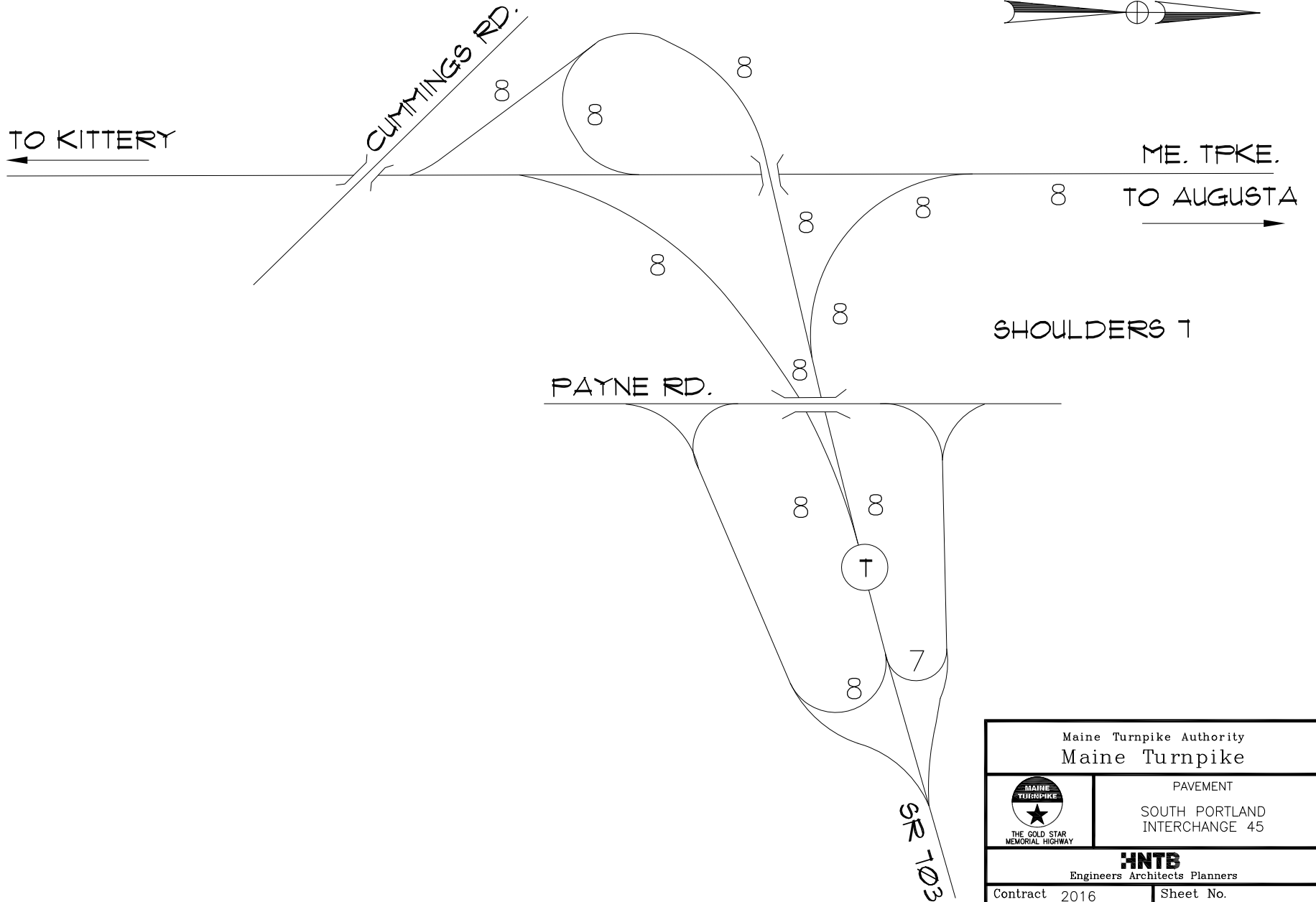
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	PAVEMENT
	SCARBOROUGH INTERCHANGE 42
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 15 of 40


INSPECTORS: CDH/PDB
INSPECTION DATE: 05/09/16



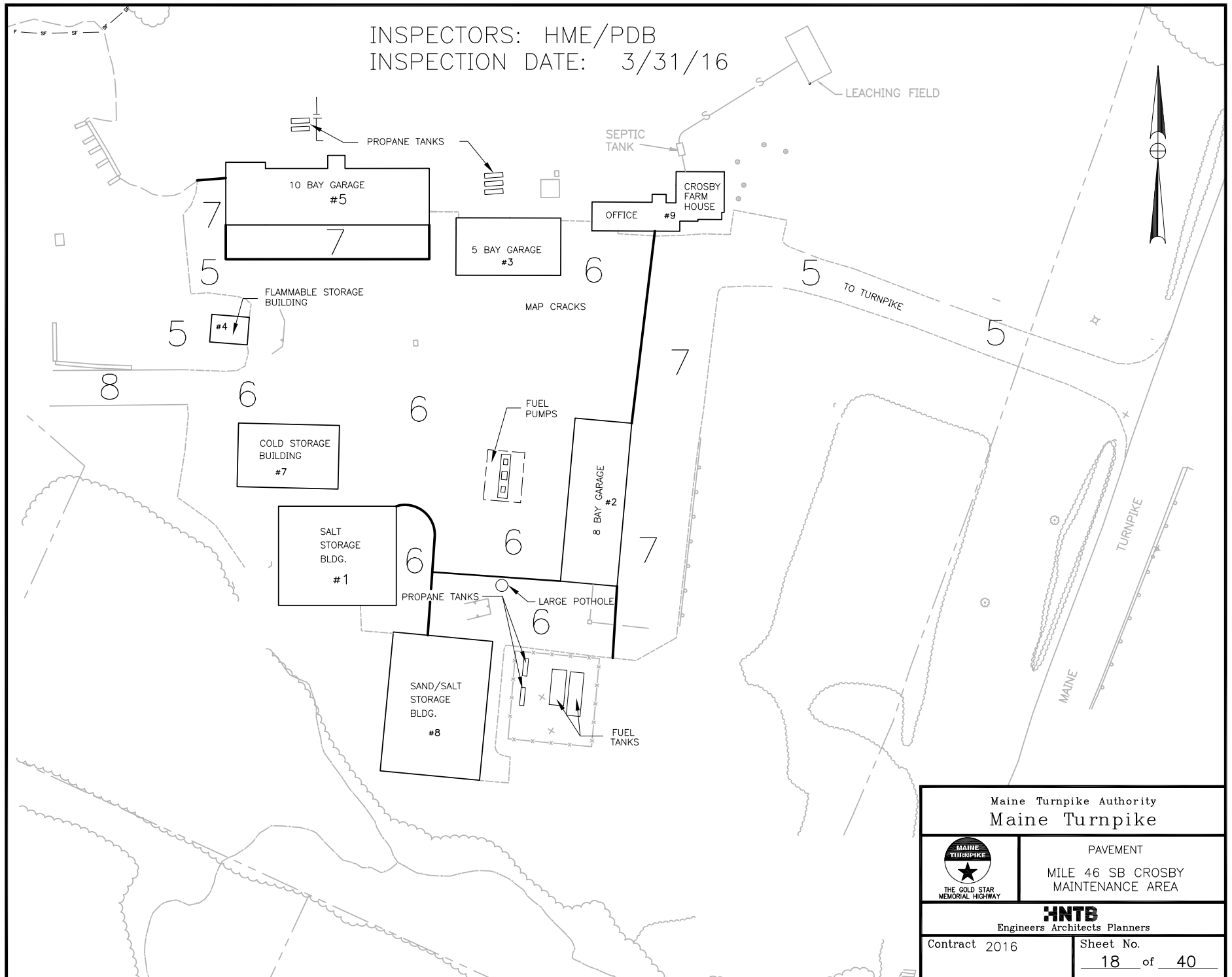
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	SCARBOROUGH INTERCHANGE 44
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 16 of 40

INSPECTORS: CDH/PDB
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Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	SOUTH PORTLAND INTERCHANGE 45
HNTB Engineers Architects Planners	
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INSPECTION DATE: 3/31/16



Maine Turnpike Authority
Maine Turnpike



PAVEMENT

MILE 46 SB CROSBY
MAINTENANCE AREA

HNTB

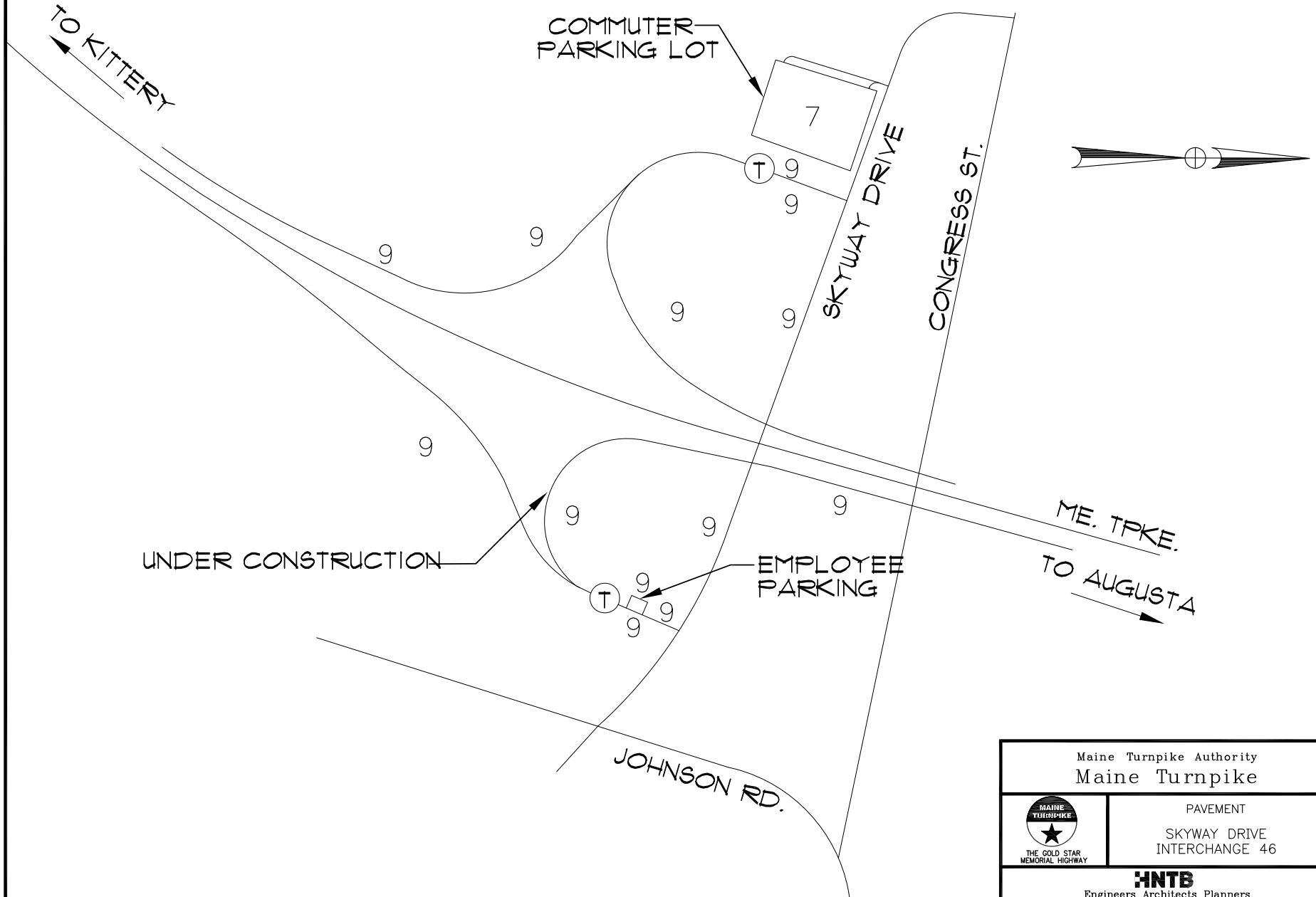
Engineers Architects Planners


Contract 2016

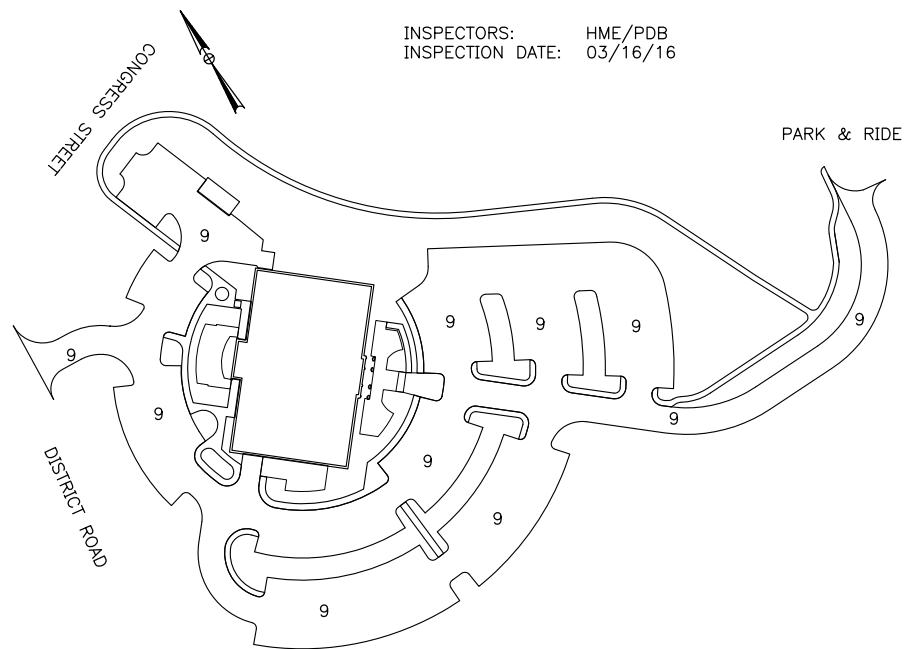
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INSPECTORS: CDH/PDB
INSPECTION DATE: 05/09/16



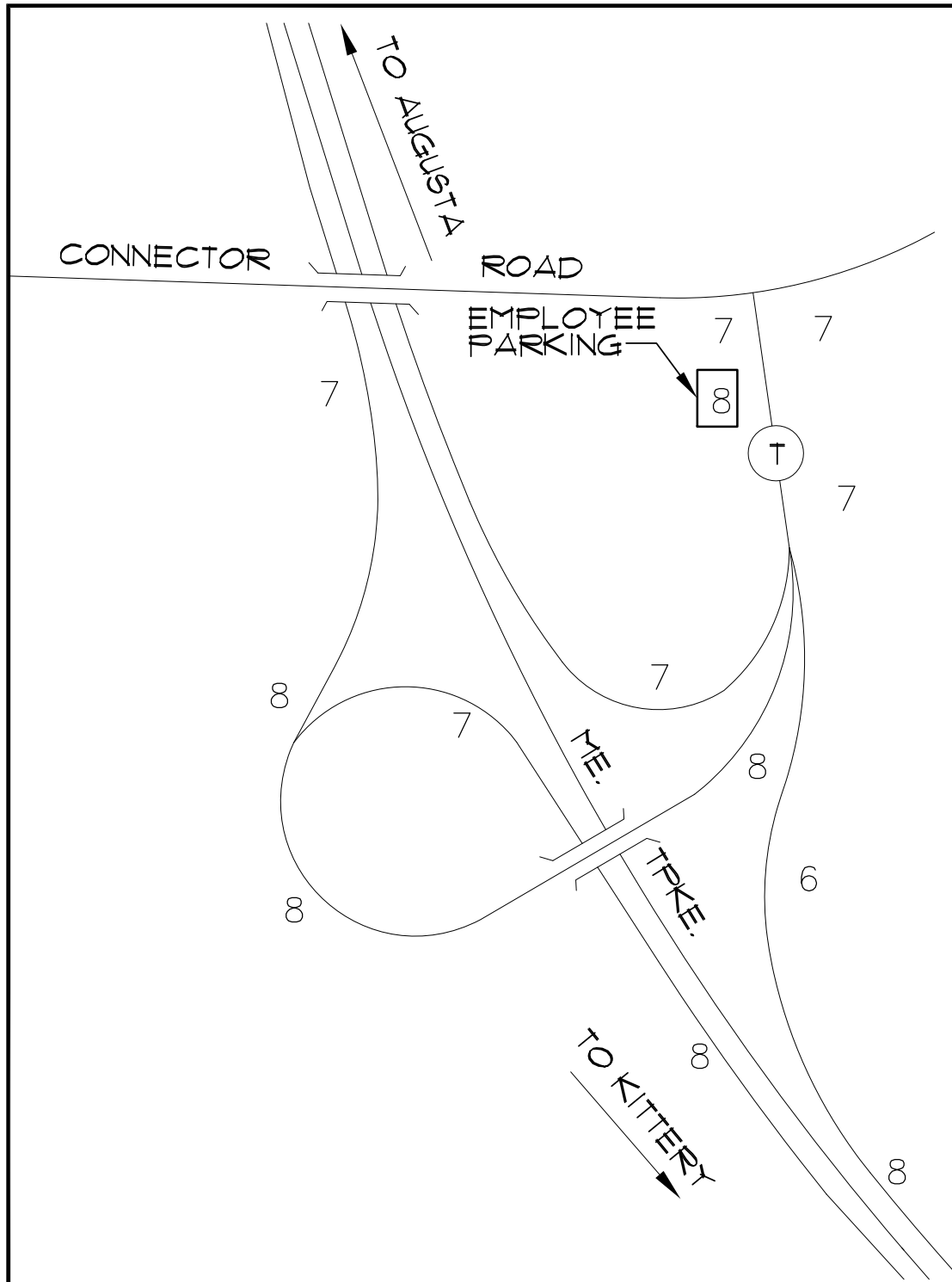
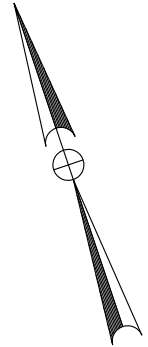
Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT SKYWAY DRIVE INTERCHANGE 46
	HNTB Engineers Architects Planners
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INSPECTORS: HME/PDB
 INSPECTION DATE: 03/16/16

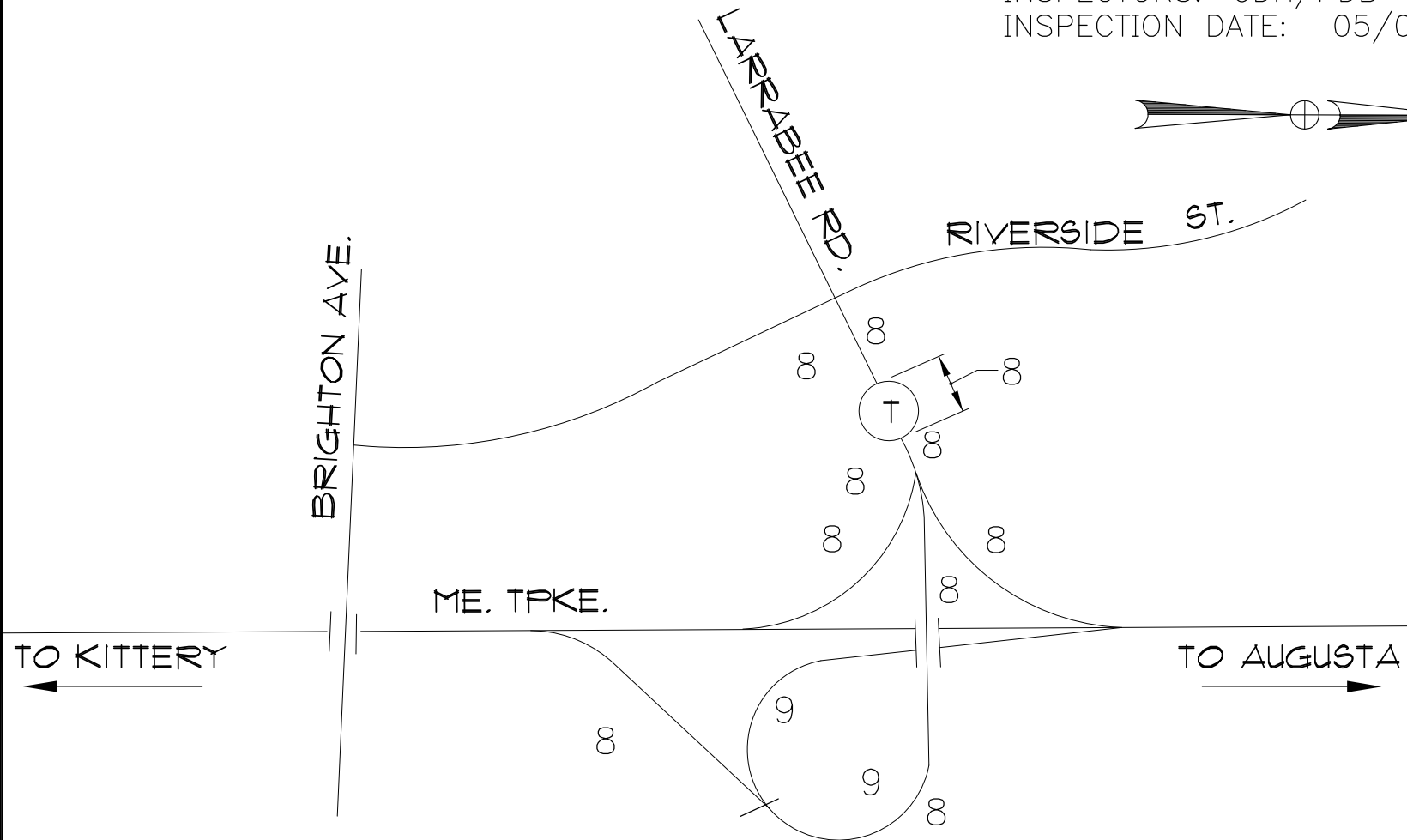
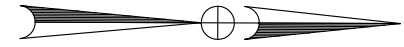
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT MAINE TURNPIKE HEADQUARTERS
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 20 of 40


INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/09/16



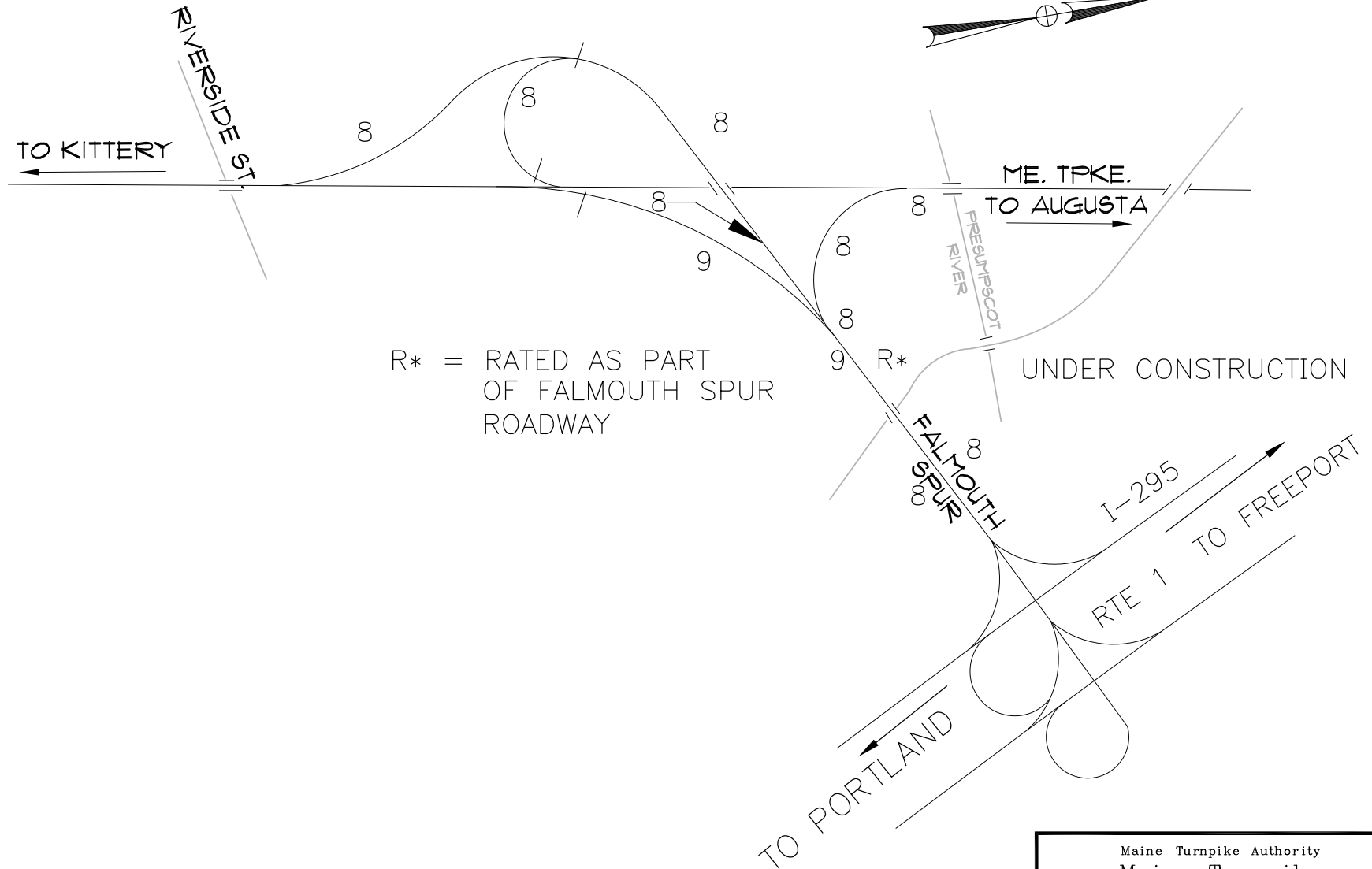
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	RAND ROAD INTERCHANGE 47
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. <u>21</u> of <u>40</u>


INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/09/16



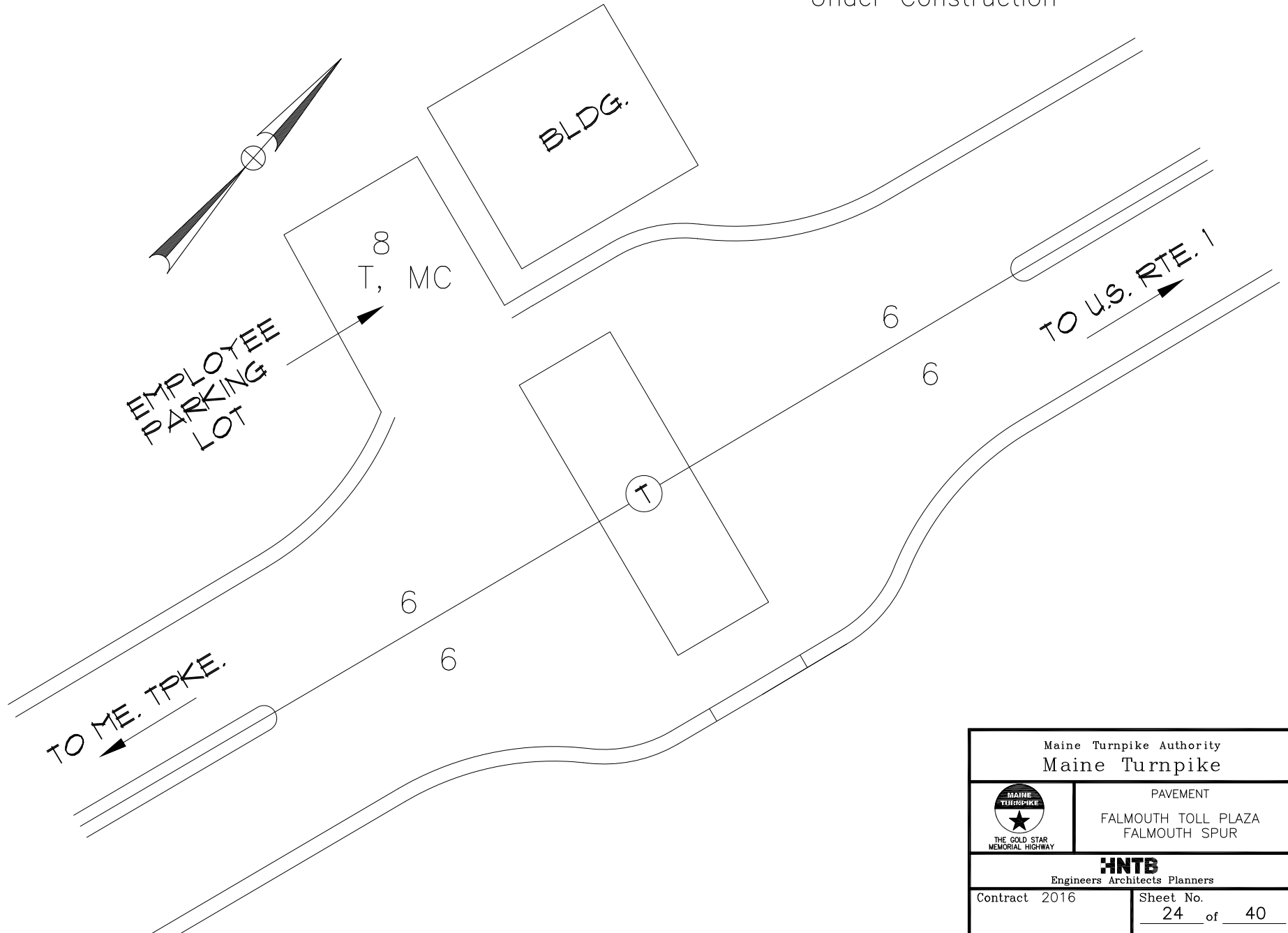
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	RIVERSIDE ST./LARRABEE RD. INTERCHANGE 48
HNTB Engineers Architects Planners	
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Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	FALMOUTH SPUR INTERCHANGE 52
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 23 of 40

INSPECTORS: CDH/PDB
 INSPECTION DATE: 05/09/16
 Under Construction



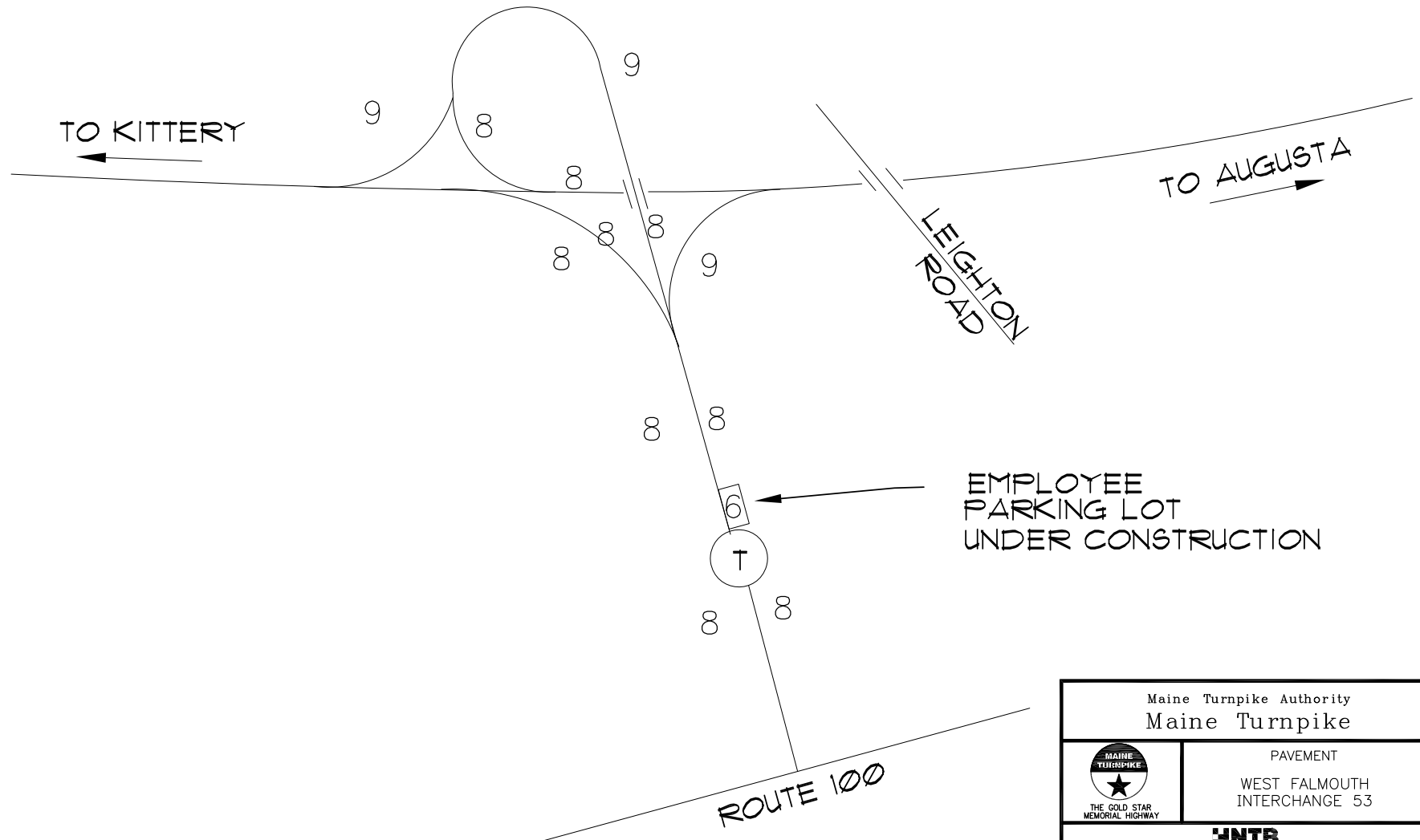
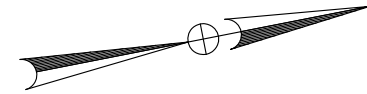
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT
	FALMOUTH TOLL PLAZA FALMOUTH SPUR
HNTB Engineers Architects Planners	
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GRAY

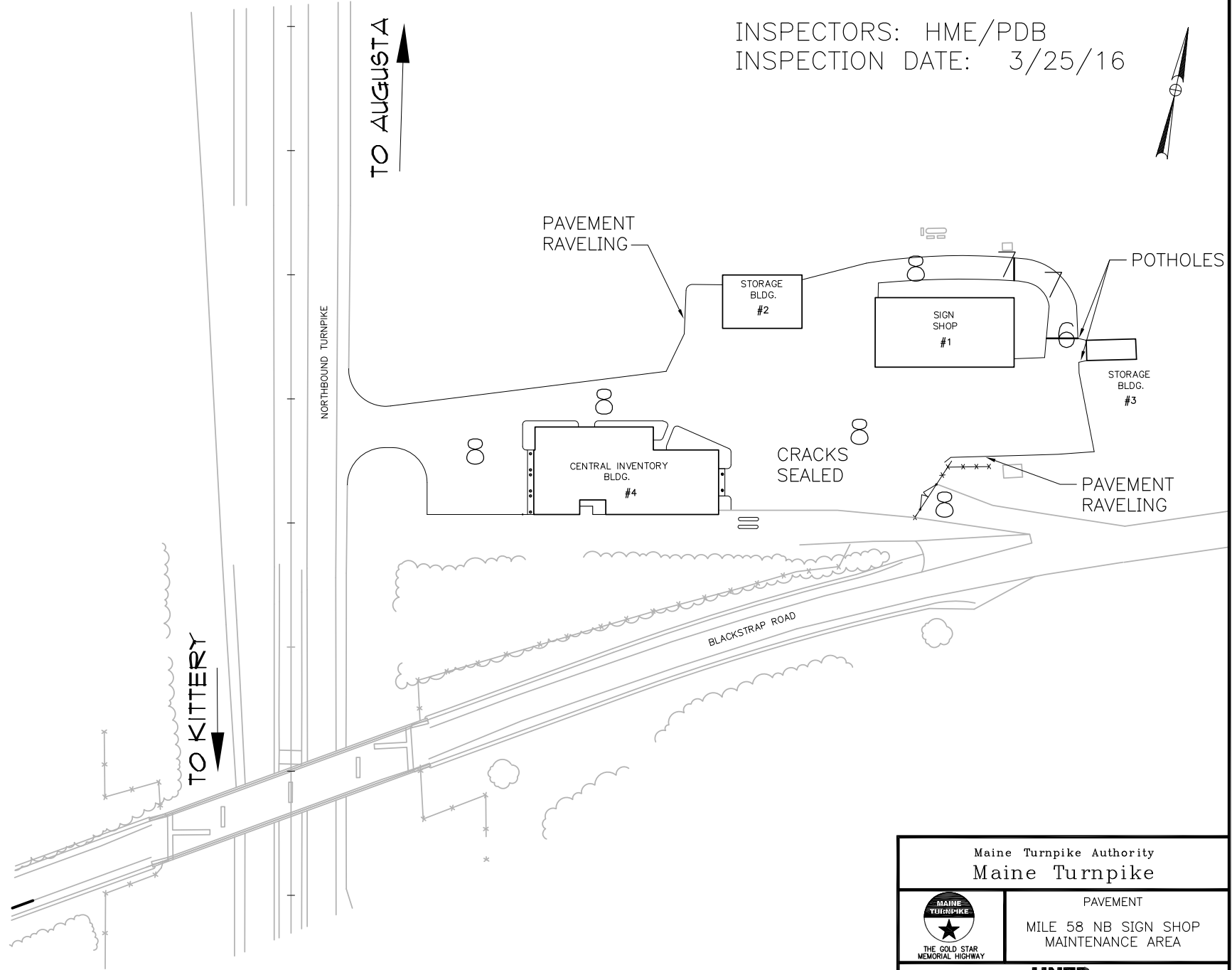
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INSPECTORS: CDH/PDB
INSPECTION DATE: 05/09/16



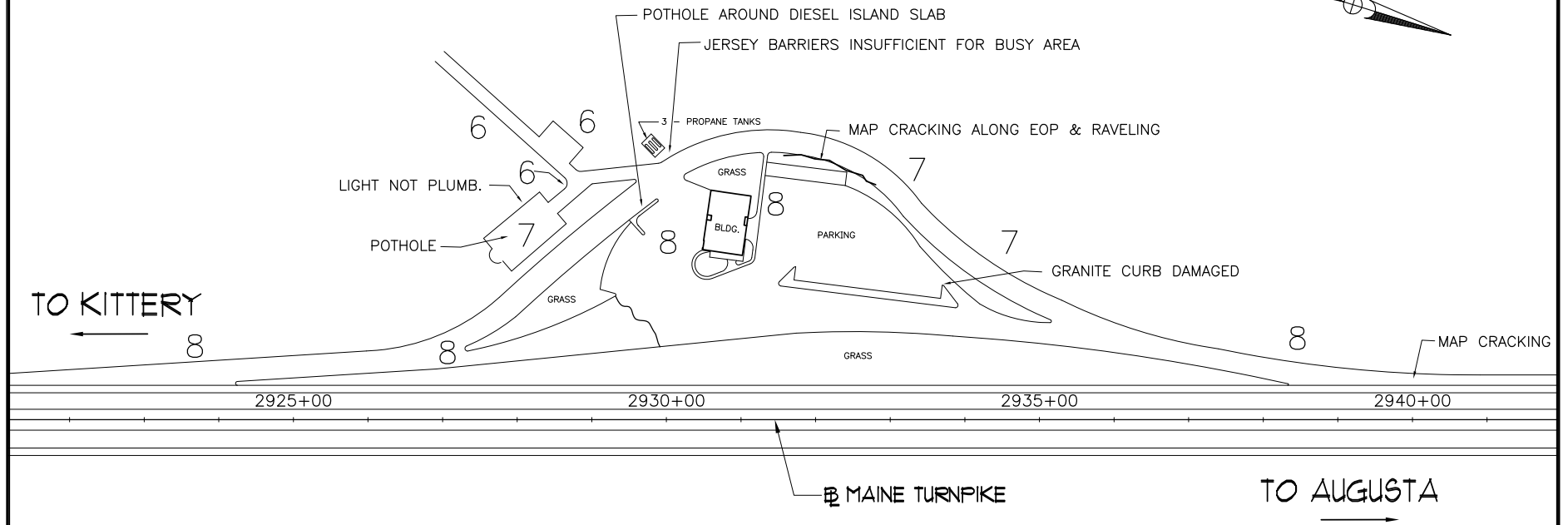
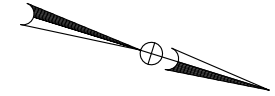
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT WEST FALMOUTH INTERCHANGE 53
	HNTB Engineers Architects Planners
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INSPECTORS: HME/PDB
 INSPECTION DATE: 3/25/16

Maine Turnpike Authority Maine Turnpike	
	PAVEMENT MILE 58 NB SIGN SHOP MAINTENANCE AREA
	HNTB Engineers Architects Planners
Contract 2016	Sheet No. 26 of 40

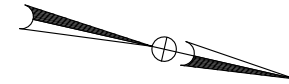
INSPECTORS: HME/PDB
INSPECTION DATE: 3/16/16



Maine Turnpike Authority Maine Turnpike	
	PAVEMENT SERVICE AREA MILE 58
	HNTB Engineers Architects Planners
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MC = MAP CRACK
TC = TRANSVERSE CRACK
LC = LONGITUDINAL CRACK

INSPECTORS: HME/PDB
INSPECTION DATE: 3/16/16



TO KITTERY
←

MAINE TURNPIKE

2950+00

2955+00

2960+00

GRASS

GRASS

POTHOLES

GRASS

EOP RAVELING

TO AUGUSTA
→

PARKING

BLDG.

GRASS

DEBRIS

EOP RAVELING

POTHOLES AROUND
CORNERS OF CONC. PAD

3 - PROPANE TANKS

(NOT CRACK SEALED)

8

Maine Turnpike Authority
Maine Turnpike



PAVEMENT

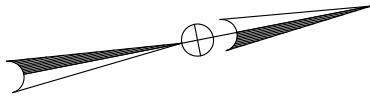
SERVICE AREA
MILE 59

HNTB

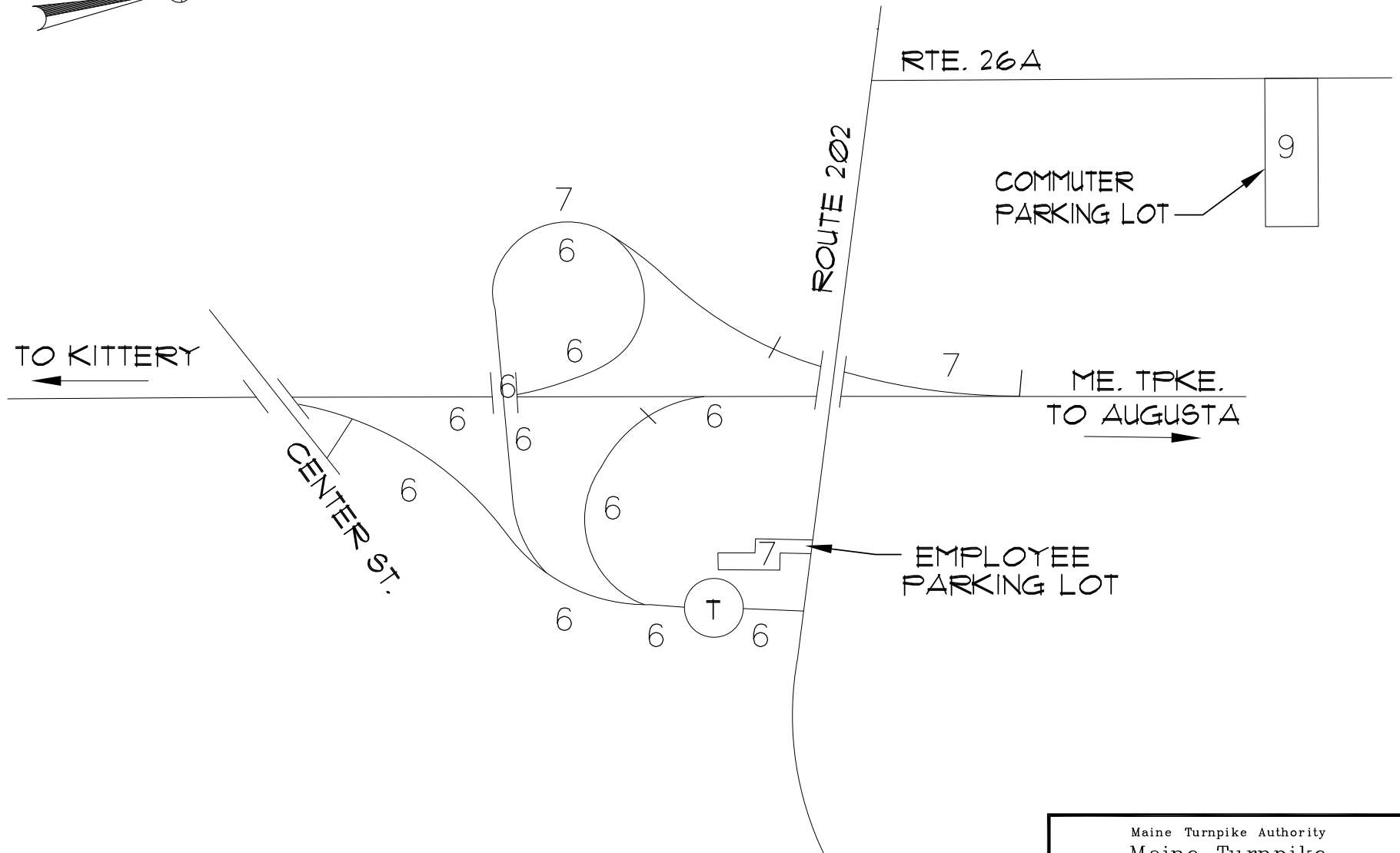
Engineers Architects Planners

Contract 2016

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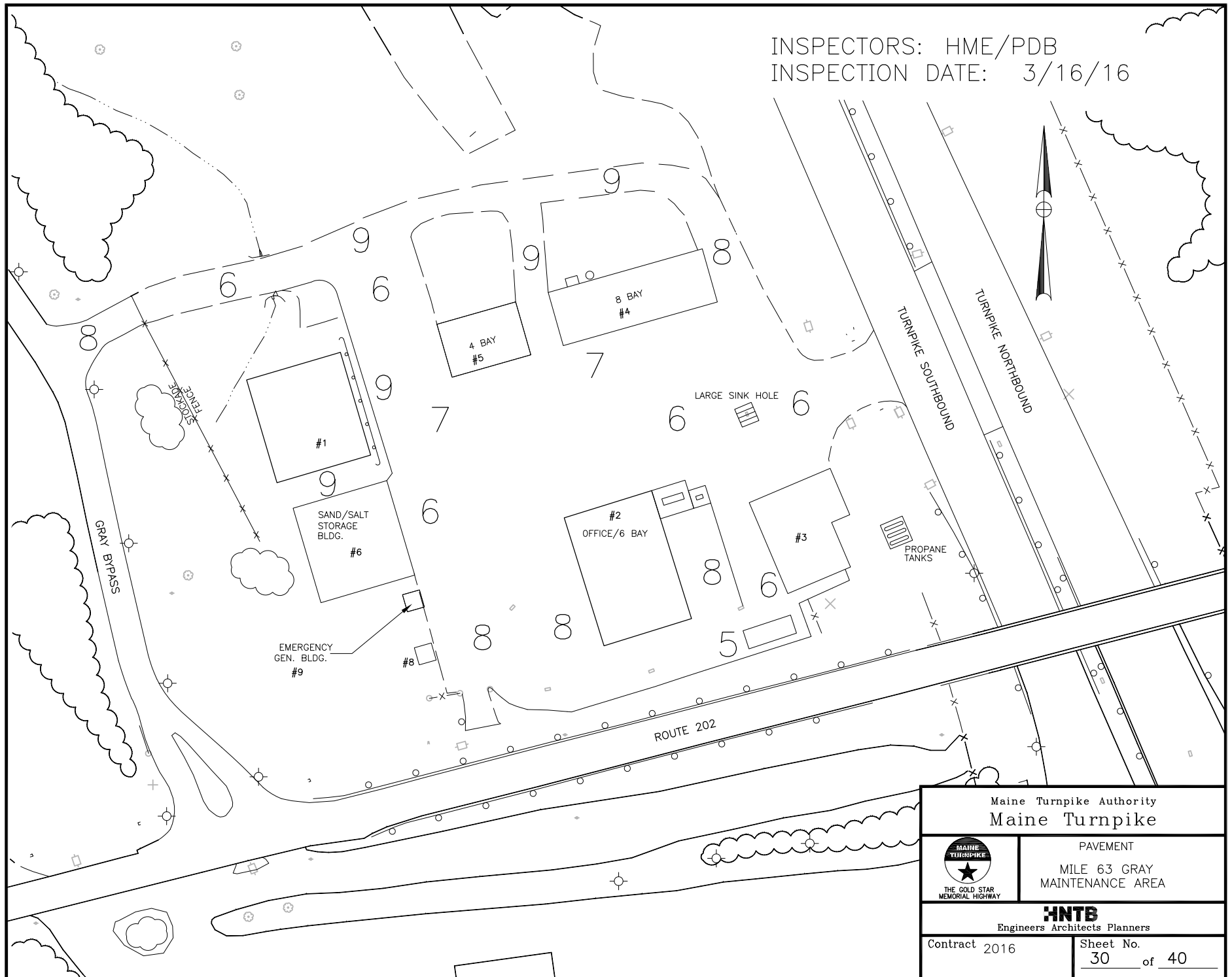


INSPECTORS: CDH/PDB
INSPECTION DATE: 05/09/16



Maine Turnpike Authority Maine Turnpike	
	PAVEMENT GRAY INTERCHANGE 63
	HNTB Engineers Architects Planners
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INSPECTORS: HME/PDB
INSPECTION DATE: 3/16/16



Maine Turnpike Authority
Maine Turnpike



PAVEMENT

MILE 63 GRAY
MAINTENANCE AREA

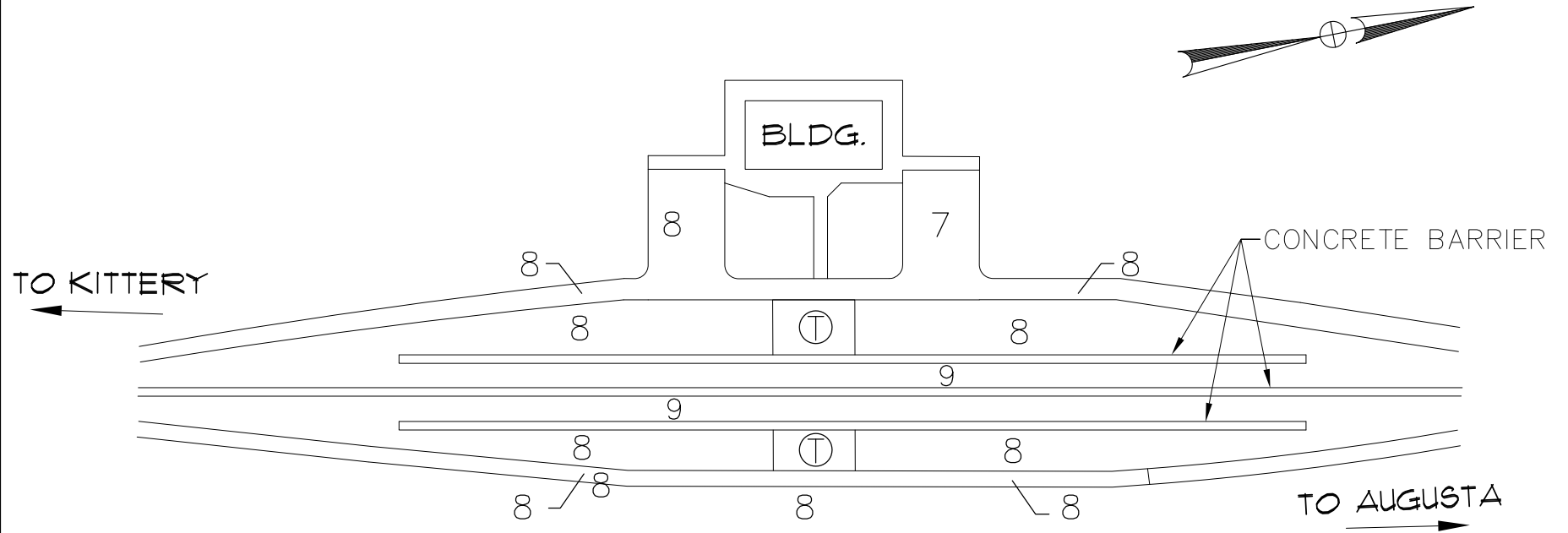
HNTB


Engineers Architects Planners

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Maine Turnpike Authority Maine Turnpike	
	PAVEMENT BARRIER TOLL PLAZA NEW GLOUCESTER
	HNTB Engineers Architects Planners
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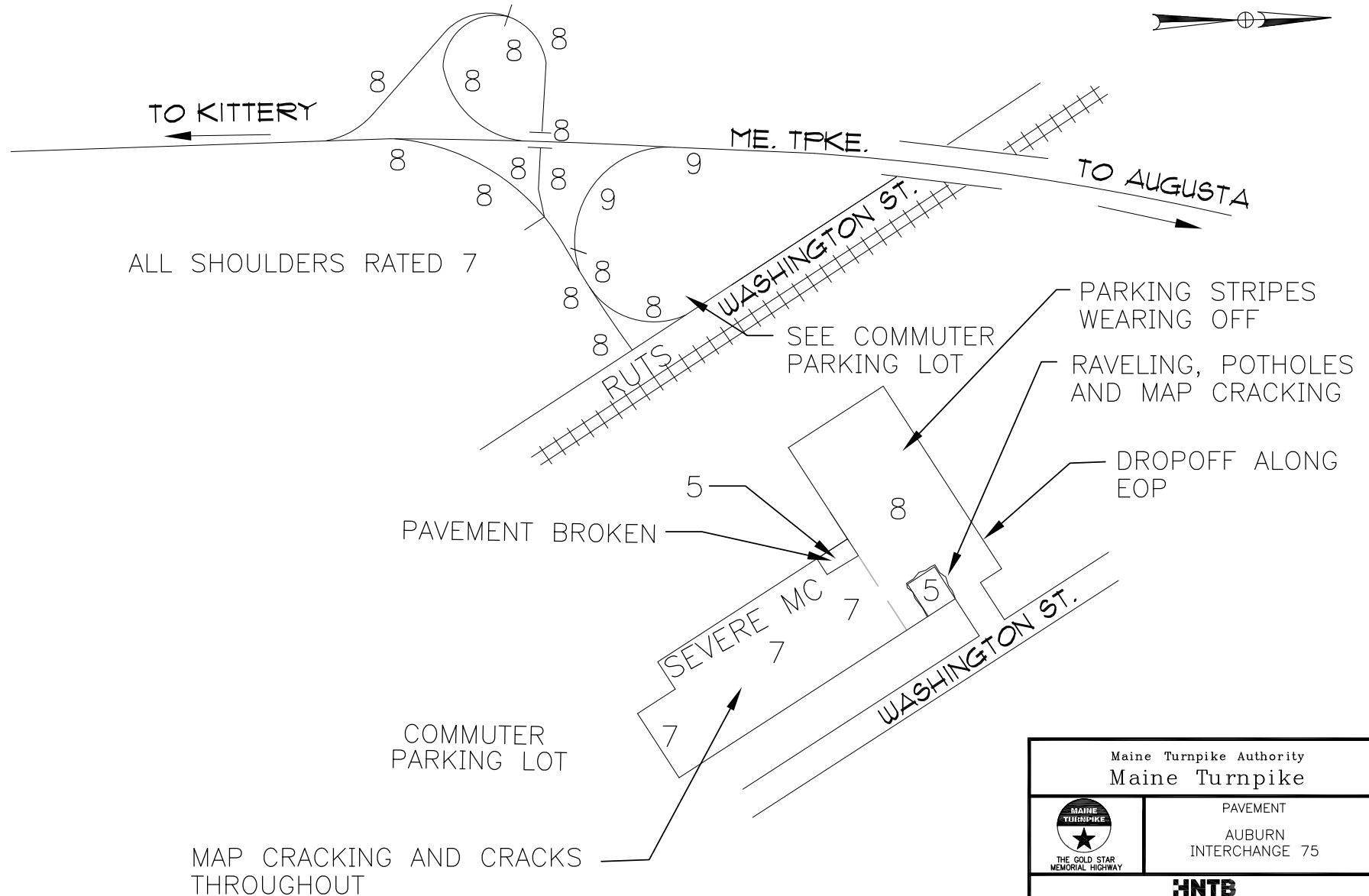
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AUBURN

MILE 67.0 to MILE 86.7

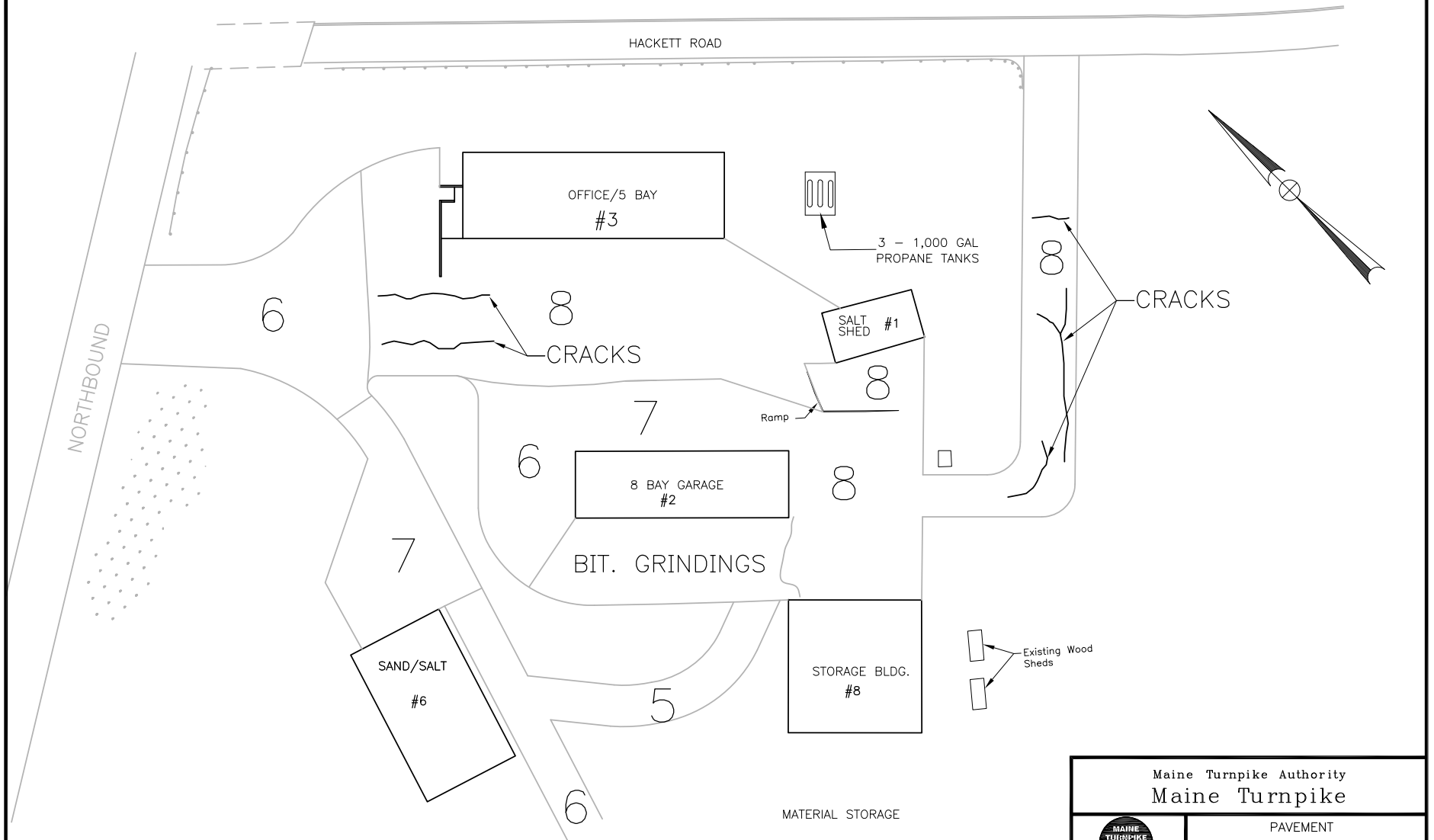
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INSPECTORS: CDH/PDB
INSPECTION DATE: 05/05/16



Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT AUBURN INTERCHANGE 75
	HNTB Engineers Architects Planners
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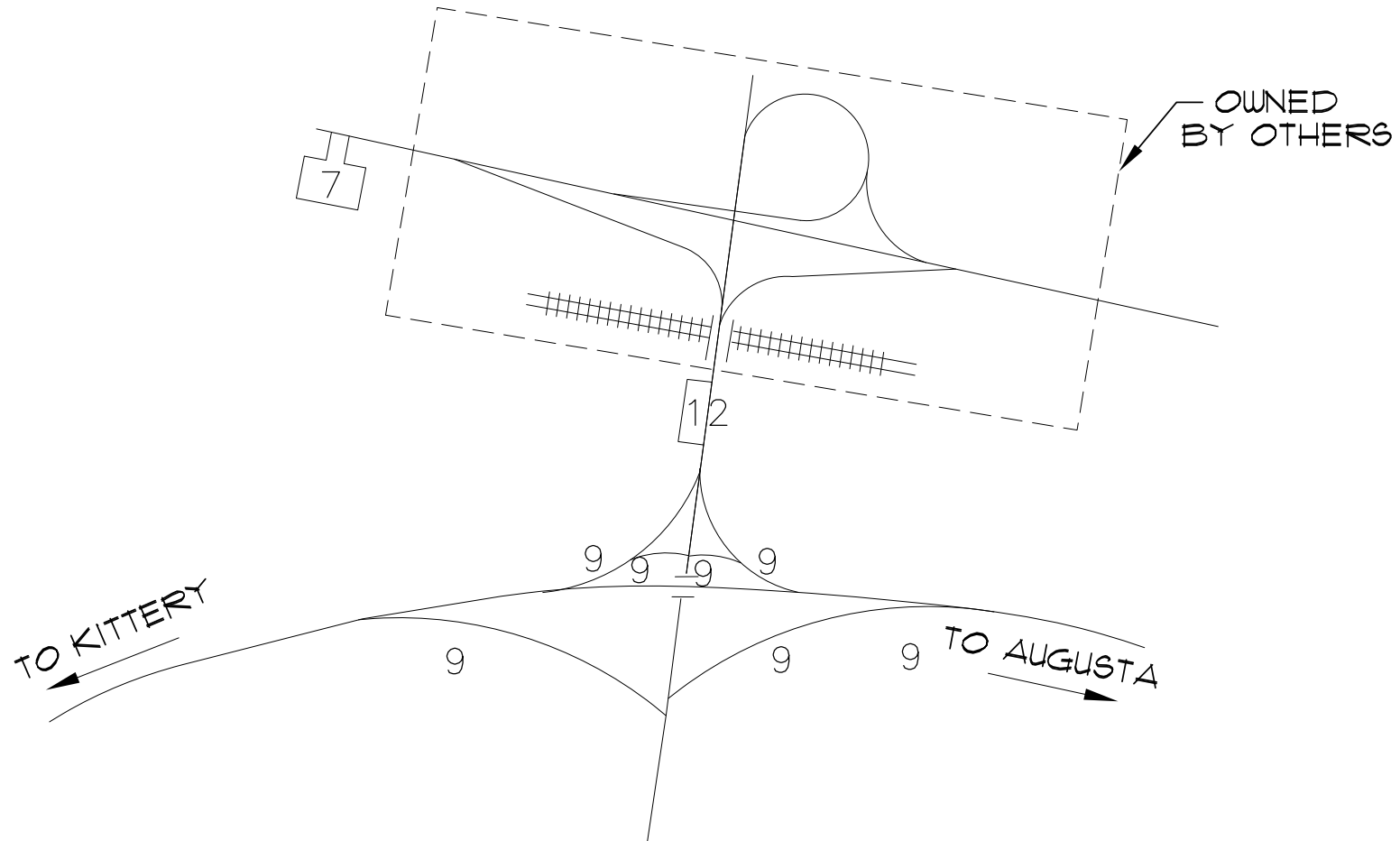
INSPECTORS: HME/PDB
INSPECTION DATE: 3/25/16




Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT MILE 77 NB AUBURN MAINTENANCE AREA
HNTB Engineers Architects Planners	
Contract 2016	Sheet No. 33 of 40

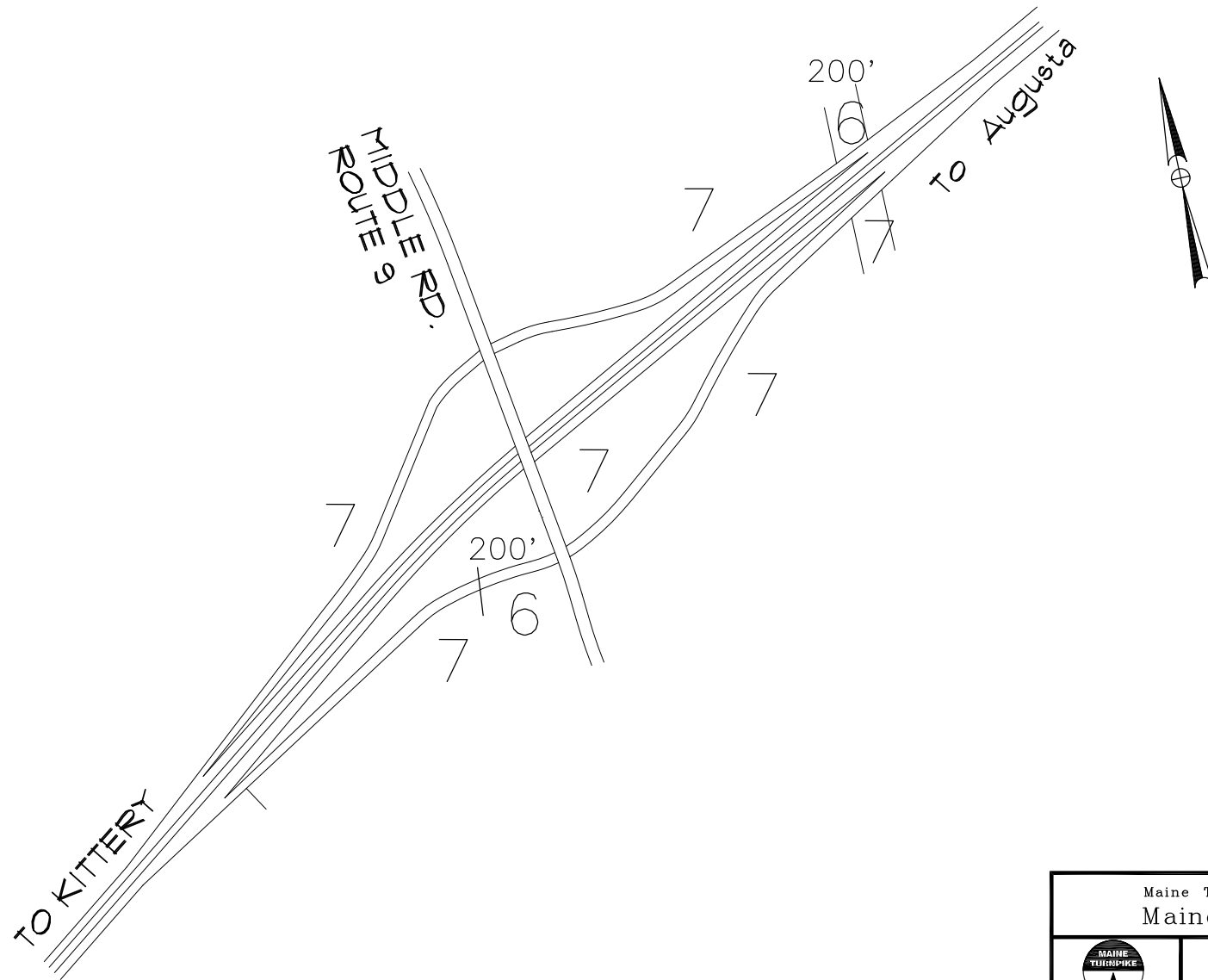
INSPECTORS: CDH/PDB
INSPECTION DATE: 05/05/16


UNDER CONSTRUCTION: NOT ALL INSPECTED IN 2016



Maine Turnpike Authority Maine Turnpike	
	PAVEMENT LEWISTON INTERCHANGE 80
	HNTB Engineers Architects Planners
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INSPECTORS: CDH/PDB
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Maine Turnpike Authority Maine Turnpike	
	PAVEMENT SABBATTUS INTERCHANGE 86
	HNTB Engineers Architects Planners
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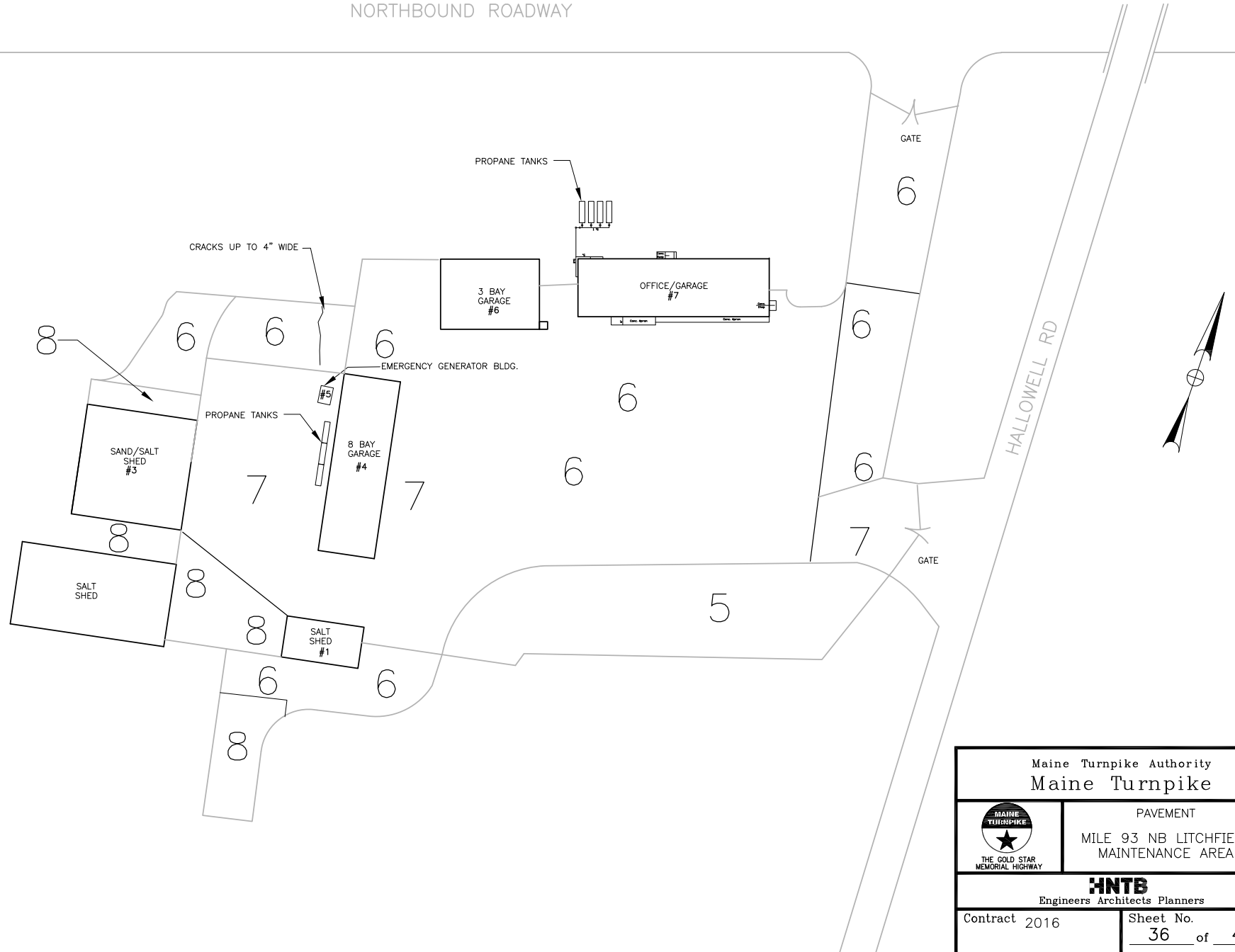
LITCHFIELD


MILE 86.7 to MILE 100.2

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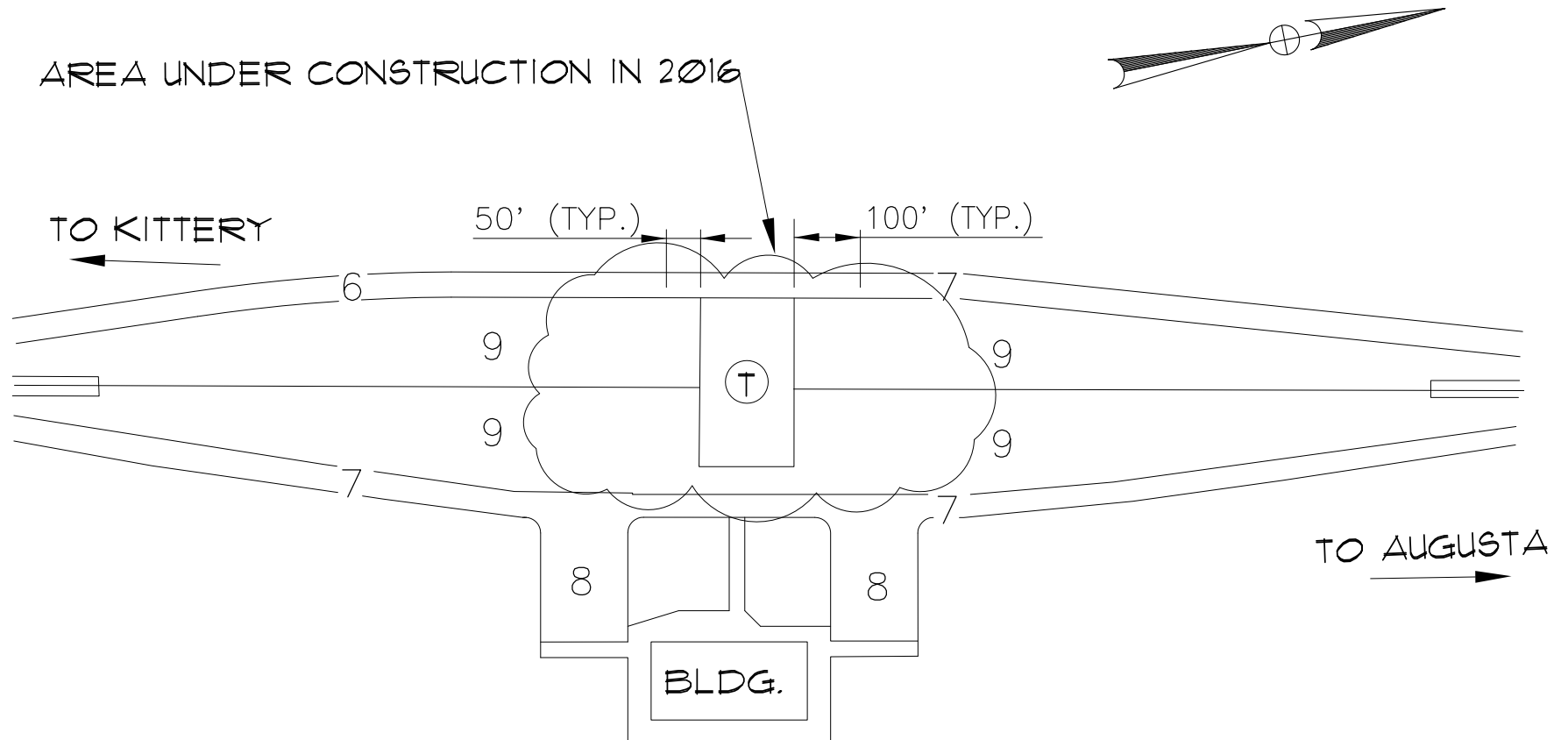
INSPECTORS: HME/PDB
 INSPECTION DATE: 3/25/16


NORTHBOUND ROADWAY



Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT
	MILE 93 NB LITCHFIELD MAINTENANCE AREA
HNTB Engineers Architects Planners	
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INSPECTORS: HME/PDB
INSPECTION DATE: 3/25/16



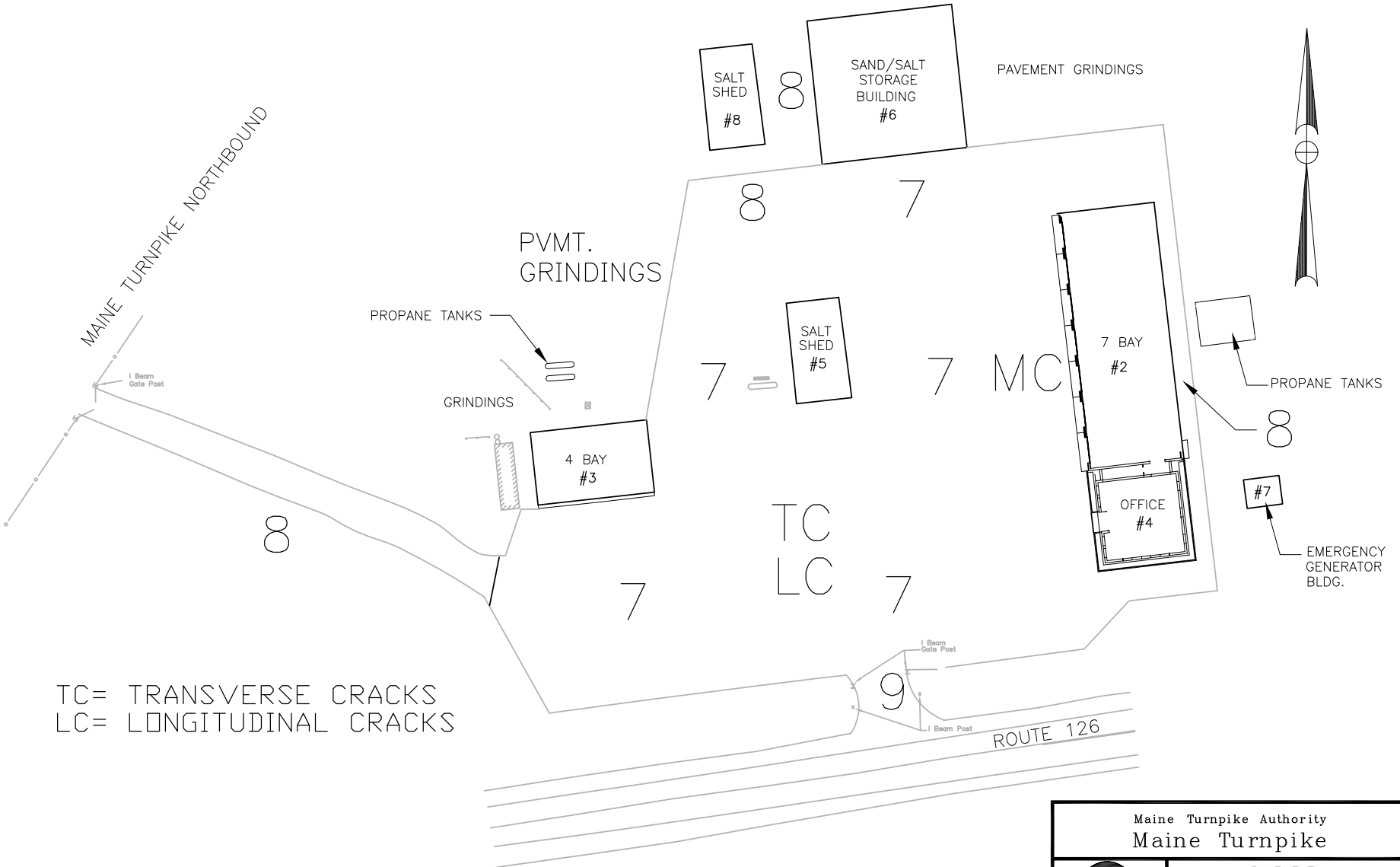
Maine Turnpike Authority Maine Turnpike	
	PAVEMENT BARRIER TOLL PLAZA WEST GARDINER
HNTB Engineers Architects Planners	
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GARDINER

MILE 100.2 to MILE 108.8

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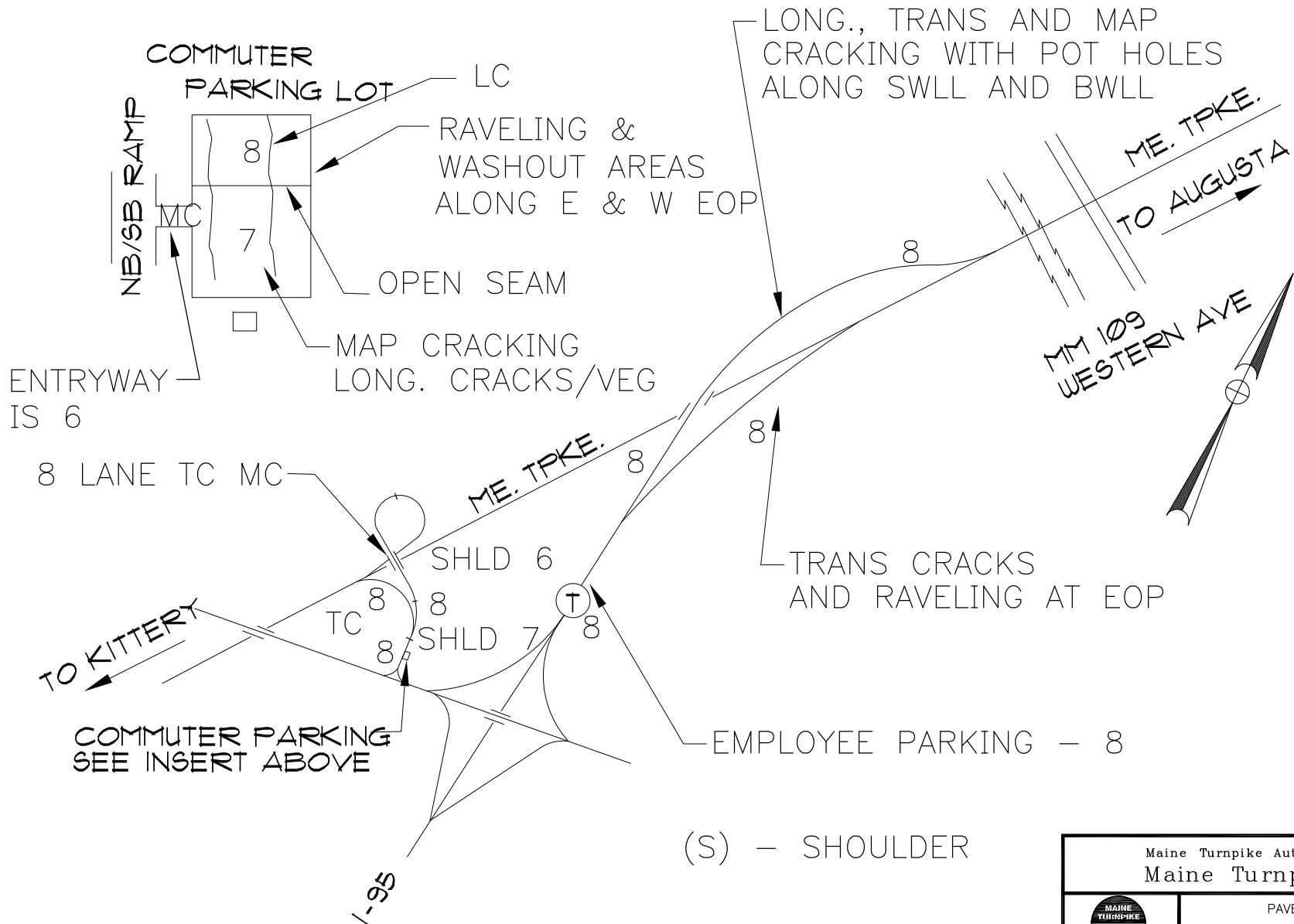
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INSPECTION DATE: 3/25/16




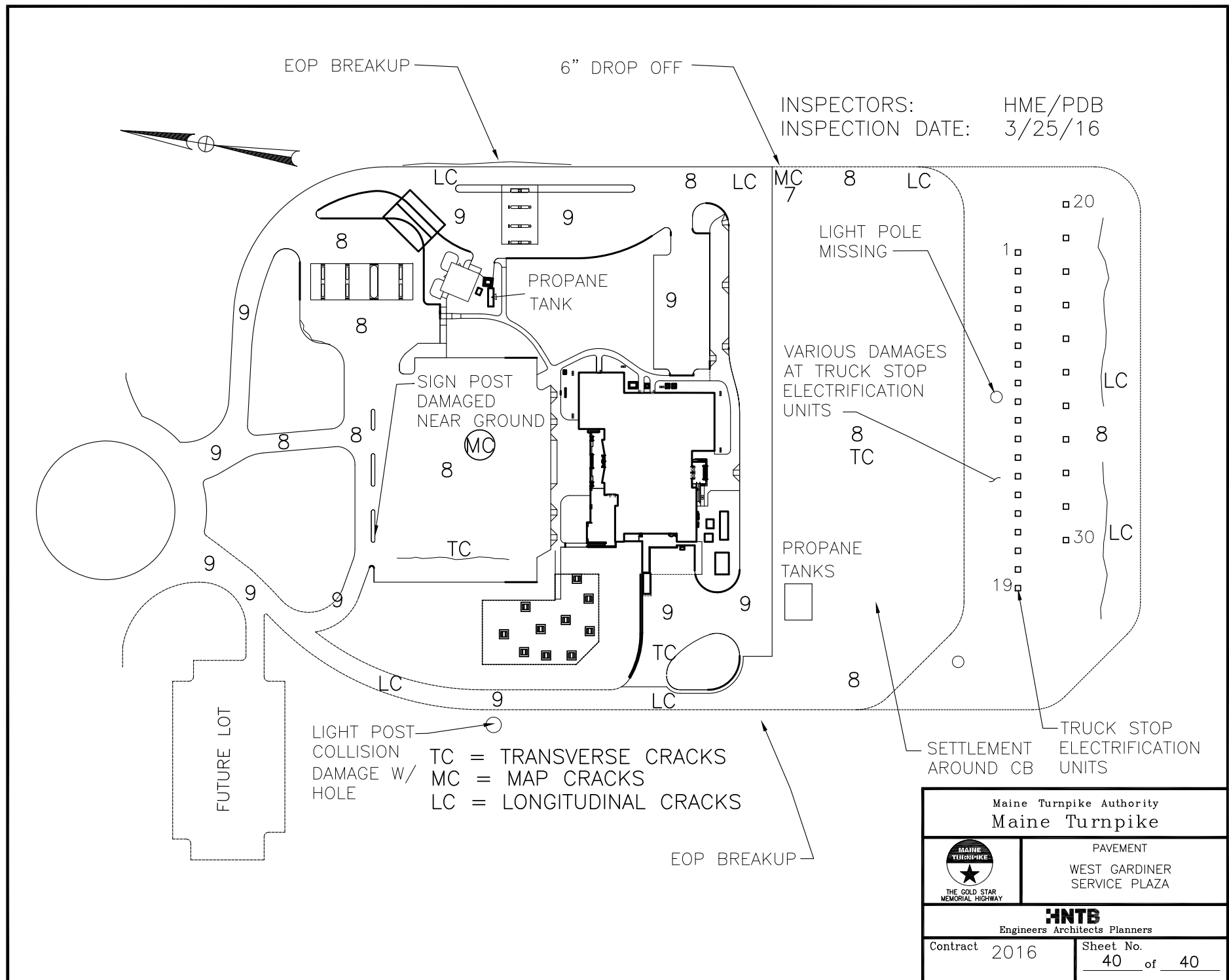
TC= TRANSVERSE CRACKS
LC= LONGITUDINAL CRACKS

Maine Turnpike Authority Maine Turnpike	
	PAVEMENT MILE 102 NB GARDINER MAINTENANCE AREA
	HNTB Engineers Architects Planners
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INSPECTORS: CDH/PDB
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Maine Turnpike Authority Maine Turnpike	
 THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT WEST GARDINER INTERCHANGE 103
	HNTB Engineers Architects Planners
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Appendix A

Rutting

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Appendix A

Measurement of Pavement Ruts

The measurement of pavement ruts contained in Appendix A was measured by the Maine Department of Transportation in November 2015. The rut measurements were obtained by MaineDOT's Automated Roadway Analyzer (ARAN) vehicle. MaineDOT obtained the rut measurements in the middle lane of the three lane roadway section and the right lane of the two lane roadway section. The MaineDOT ARAN data was provided to the Maine Turnpike Authority. The Maine Turnpike Authority correlated the data with the Maine Turnpike mile markers, segregated the data into 1 mile increments, and provided the calculations of average, minimum, and maximum rut depths (in inches). A summary of the correlated data was transmitted from the Maine Turnpike Authority to HNTB.

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
1	Mainline	Northbound	0095X 0.0 TO 1	0.12	0.10	0.24		0.18	0.14	0.36
1	Mainline	Northbound	0095X 1 TO 2	0.13	0.10	0.17		0.19	0.12	0.25
1	Mainline	Northbound	0095X 2 TO 3	0.14	0.10	0.31		0.18	0.13	0.41
1	Mainline	Northbound	0095X 3 TO 4	0.13	0.10	0.18		0.16	0.12	0.21
1	Mainline	Northbound	0095S 4 TO 5	0.14	0.10	0.20		0.15	0.12	0.27
1	Mainline	Northbound	0095S 5 TO 6	0.15	0.09	0.23		0.16	0.10	0.22
1	Mainline	Northbound	0095S 6 TO 7	0.14	0.10	0.19		0.14	0.10	0.18
1	Mainline	Northbound	0095S 7 TO 8	0.12	0.08	0.33		0.16	0.11	0.49
1	Mainline	Northbound	0095S 8 TO 9	0.10	0.08	0.13		0.15	0.11	0.20
1	Mainline	Northbound	0095S 9 TO 10	0.10	0.09	0.14		0.16	0.12	0.19
1	Mainline	Northbound	0095S 10 TO 11	0.12	0.09	0.16		0.15	0.12	0.20
1	Mainline	Northbound	0095S 11 TO 12	0.13	0.10	0.18		0.16	0.13	0.22
1	Mainline	Northbound	0095S 12 TO 13	0.15	0.10	0.22		0.16	0.12	0.20
1	Mainline	Northbound	0095S 13 TO 14	0.13	0.09	0.17		0.17	0.12	0.24
1	Mainline	Northbound	0095S 14 TO 15	0.11	0.08	0.15		0.18	0.12	0.24
1	Mainline	Northbound	0095S 15 TO 16	0.15	0.09	0.24		0.19	0.13	0.25
1	Mainline	Northbound	0095S 16 TO 17	0.17	0.12	0.24		0.20	0.16	0.26
1	Mainline	Northbound	0095S 17 TO 18	0.16	0.13	0.23		0.17	0.11	0.21
1	Mainline	Northbound	0095S 18 TO 19	0.15	0.10	0.23		0.16	0.12	0.21
1	Mainline	Northbound	0095X 19 TO 20	0.14	0.09	0.22		0.16	0.10	0.25
2	Mainline	Northbound	0095S 20 TO 21	0.13	0.09	0.18		0.15	0.12	0.20
2	Mainline	Northbound	0095S 21 TO 22	0.13	0.10	0.20		0.15	0.11	0.19
2	Mainline	Northbound	0095S 22 TO 23	0.14	0.09	0.19		0.15	0.12	0.23
2	Mainline	Northbound	0095S 23 TO 24	0.13	0.09	0.21		0.14	0.10	0.18
2	Mainline	Northbound	0095S 24 TO 25	0.13	0.11	0.18		0.14	0.11	0.17
2	Mainline	Northbound	0095S 25 TO 26	0.12	0.10	0.14		0.14	0.11	0.17
2	Mainline	Northbound	0095S 26 TO 27	0.12	0.09	0.15		0.14	0.11	0.17
2	Mainline	Northbound	0095S 27 TO 28	0.12	0.09	0.16		0.16	0.13	0.20
2	Mainline	Northbound	0095S 28 TO 29	0.12	0.09	0.15		0.16	0.13	0.20
2	Mainline	Northbound	0095S 29 TO 30	0.12	0.09	0.15		0.16	0.12	0.20

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
2	Mainline	Northbound	0095S 30 TO 31	0.12	0.09	0.17		0.19	0.13	0.25
2	Mainline	Northbound	0095S 31 TO 32	0.11	0.08	0.15		0.16	0.12	0.21
2	Mainline	Northbound	0095S 32 TO 33	0.12	0.10	0.22		0.17	0.12	0.23
2	Mainline	Northbound	0095S 33 TO 34	0.13	0.09	0.20		0.21	0.13	0.29
2	Mainline	Northbound	0095S 34 TO 35	0.15	0.11	0.21		0.21	0.12	0.33
2	Mainline	Northbound	0095S 35 TO 36	0.22	0.10	0.37		0.33	0.15	0.50
2	Mainline	Northbound	0095S 36 TO 37	0.24	0.20	0.30		0.38	0.26	0.48
2	Mainline	Northbound	0095S 37 TO 38	0.25	0.18	0.31		0.37	0.30	0.49
3	Mainline	Northbound	0095S 38 TO 39	0.26	0.21	0.34		0.39	0.32	0.48
3	Mainline	Northbound	0095S 39 TO 40	0.26	0.18	0.36		0.35	0.28	0.45
3	Mainline	Northbound	0095S 40 TO 41	0.26	0.16	0.33		0.37	0.29	0.47
3	Mainline	Northbound	0095S 41 to 42	0.24	0.18	0.32		0.37	0.29	0.47
3	Mainline	Northbound	0095S 42 to 43	0.23	0.17	0.32		0.33	0.25	0.43
3	Mainline	Northbound	0095S 43 to 44	0.24	0.13	0.42		0.37	0.27	0.50
3	Mainline	Northbound	0095S 44 to 45	0.32	0.15	0.46		0.42	0.19	0.66
3	Mainline	Northbound	0095S 45 to 46	0.35	0.22	0.68		0.42	0.24	0.75
3	Mainline	Northbound	0095S 46 to 47	0.37	0.10	0.64		0.43	0.17	0.73
3	Mainline	Northbound	0095S 47 to 48	0.38	0.09	0.59		0.47	0.17	0.74
3	Mainline	Northbound	0095S 48 to 49	0.29	0.12	0.48		0.41	0.20	0.66
3	Mainline	Northbound	0095S 49 to 50	0.29	0.08	0.60		0.39	0.16	0.64
3	Mainline	Northbound	0095S 50 to 51	0.32	0.08	0.45		0.46	0.15	0.69
3	Mainline	Northbound	0095S 51 to 52	0.17	0.09	0.44		0.20	0.09	0.48
3	Mainline	Northbound	0095S 52 to 53	0.10	0.08	0.13		0.13	0.10	0.17
4	Mainline	Northbound	0095S 53 to 54	0.10	0.09	0.13		0.12	0.10	0.16
4	Mainline	Northbound	0095S 54 to 55	0.22	0.08	0.64		0.25	0.10	0.51
4	Mainline	Northbound	0095S 55 to 56	0.46	0.11	0.71		0.45	0.15	0.61
4	Mainline	Northbound	0095S 56 to 57	0.40	0.10	0.57		0.41	0.10	0.60
4	Mainline	Northbound	0095S 57 to 58	0.14	0.11	0.18		0.13	0.10	0.17
4	Mainline	Northbound	0095S 58 to 59	0.16	0.12	0.20		0.11	0.08	0.16
4	Mainline	Northbound	0095S 59 to 60	0.23	0.11	0.41		0.28	0.09	0.58

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
4	Mainline	Northbound	0095S 60 to 61	0.36	0.16	0.50		0.44	0.24	0.59
4	Mainline	Northbound	0095S 61 to 62	0.32	0.20	0.44		0.42	0.28	0.50
4	Mainline	Northbound	0095S 62 to 63	0.29	0.11	0.44		0.42	0.14	0.57
4	Mainline	Northbound	0095S 63 to 64	0.25	0.15	0.34		0.36	0.26	0.50
4	Mainline	Northbound	0095S 64 to 65	0.26	0.18	0.42		0.38	0.33	0.47
4	Mainline	Northbound	0095S 65 to 66	0.27	0.21	0.34		0.38	0.32	0.44
4	Mainline	Northbound	0095S 66 to 67	0.25	0.16	0.49		0.26	0.12	0.38
5	Mainline	Northbound	0095S 67 to 68	0.25	0.10	0.75		0.29	0.12	0.52
5	Mainline	Northbound	0095S 68 to 69	0.22	0.11	0.37		0.23	0.10	0.38
5	Mainline	Northbound	0095S 69 to 70	0.12	0.10	0.14		0.12	0.10	0.14
5	Mainline	Northbound	0095S 70 to 71	0.13	0.10	0.15		0.12	0.10	0.15
5	Mainline	Northbound	0095S 71 to 72	0.13	0.10	0.16		0.11	0.10	0.14
5	Mainline	Northbound	0095S 72 to 73	0.13	0.11	0.16		0.12	0.10	0.15
5	Mainline	Northbound	0095S 73 to 74	0.13	0.11	0.15		0.12	0.10	0.14
5	Mainline	Northbound	0095S 74 to 75	0.13	0.10	0.31		0.12	0.09	0.25
5	Mainline	Northbound	0095S 75 to 76	0.16	0.08	0.31		0.19	0.10	0.36
5	Mainline	Northbound	0095S 76 to 77	0.25	0.18	0.34		0.31	0.25	0.41
5	Mainline	Northbound	0095S 77 to 78	0.33	0.27	0.40		0.38	0.30	0.46
5	Mainline	Northbound	0095S 78 to 79	0.22	0.11	0.35		0.31	0.16	0.44
5	Mainline	Northbound	0095S 79 to 80	0.25	0.12	0.50		0.23	0.11	0.37
5	Mainline	Northbound	0095S 80 to 81	0.16	0.09	0.38		0.19	0.09	0.54
5	Mainline	Northbound	0095S 81 to 82	0.23	0.14	0.42		0.24	0.10	0.48
5	Mainline	Northbound	0095S 82 to 83	0.24	0.13	0.35		0.34	0.22	0.68
5	Mainline	Northbound	0095S 83 to 84	0.31	0.21	0.48		0.44	0.29	0.86
5	Mainline	Northbound	0095S 84 to 85	0.30	0.23	0.40		0.38	0.29	0.60
5	Mainline	Northbound	0095S 85 to 86	0.25	0.16	0.39		0.29	0.17	0.45
6	Mainline	Northbound	0095S 86 to 87	0.21	0.14	0.34		0.28	0.18	0.55
6	Mainline	Northbound	0095S 87 to 88	0.25	0.15	0.40		0.34	0.27	0.91
6	Mainline	Northbound	0095S 88 to 89	0.22	0.10	0.35		0.26	0.12	0.37
6	Mainline	Northbound	0095S 89 to 90	0.15	0.12	0.21		0.17	0.12	0.24

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
6	Mainline	Northbound	0095S 90 to 91	0.15	0.11	0.21		0.17	0.14	0.21
6	Mainline	Northbound	0095S 91 to 92	0.14	0.10	0.19		0.18	0.15	0.23
6	Mainline	Northbound	0095S 92 to 93	0.13	0.10	0.16		0.16	0.12	0.24
6	Mainline	Northbound	0095S 93 to 94	0.17	0.13	0.21		0.19	0.15	0.24
6	Mainline	Northbound	0095S 94 to 95	0.16	0.14	0.19		0.21	0.17	0.24
6	Mainline	Northbound	0095S 95 to 96	0.14	0.11	0.18		0.19	0.16	0.25
6	Mainline	Northbound	0095S 96 to 97	0.14	0.09	0.23		0.21	0.15	0.33
6	Mainline	Northbound	0095S 97 to 98	0.19	0.11	0.30		0.30	0.23	0.38
6	Mainline	Northbound	0095S 98 to 99	0.23	0.17	0.34		0.25	0.17	0.35
6	Mainline	Northbound	0095S 99 to 100	0.23	0.13	0.44		0.25	0.12	0.45
7	Mainline	Northbound	0095S 100 to 101	0.24	0.09	0.36		0.21	0.09	0.40
7	Mainline	Northbound	0095S 101 to 102	0.27	0.14	0.50		0.25	0.14	0.42
7	Mainline	Northbound	0095S 102 to 103	0.21	0.09	0.42		0.18	0.10	0.43
7	Mainline	Northbound	0095S 103 to 104	0.13	0.08	0.21		0.14	0.09	0.21
7	Mainline	Northbound	0095S 104 to 105	0.17	0.13	0.20		0.19	0.16	0.22
7	Mainline	Northbound	0095S 105 to 106	0.17	0.11	0.21		0.24	0.19	0.32
7	Mainline	Northbound	0095S 106 to 107	0.14	0.11	0.18		0.23	0.19	0.29
7	Mainline	Northbound	0095S 107 to 108	0.13	0.11	0.18		0.26	0.21	0.32
7	Mainline	Northbound	0095S 108 to 109	0.17	0.13	0.23		0.24	0.17	0.28
7	Mainline	Northbound	0095S 109 to 109.1	0.16	0.14	0.19		0.22	0.18	0.40
1	Mainline	Northbound	0095X 0.0 TO 1	0.11	0.09	0.14		0.16	0.13	0.19
1	Mainline	Northbound	0095X 1 TO 2	0.12	0.10	0.14		0.17	0.14	0.22
1	Mainline	Northbound	0095X 2 TO 3	0.16	0.10	0.23		0.20	0.14	0.31
1	Mainline	Southbound	0095X 3 TO 4	0.15	0.12	0.20		0.20	0.14	0.28
1	Mainline	Southbound	0095X 4 TO 5	0.16	0.09	0.24		0.18	0.13	0.28
1	Mainline	Southbound	0095X 5 TO 6	0.19	0.08	0.38		0.19	0.08	0.36
1	Mainline	Southbound	0095X 6 TO 7	0.16	0.10	0.24		0.20	0.12	0.25
1	Mainline	Southbound	0095X 7 TO 8	0.14	0.08	0.37		0.17	0.11	0.44
1	Mainline	Southbound	0095X 8 TO 9	0.10	0.08	0.13		0.13	0.11	0.16
1	Mainline	Southbound	0095X 9 TO 10	0.10	0.08	0.13		0.13	0.10	0.17

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
1	Mainline	Southbound	0095X 10 TO 11	0.10	0.08	0.13		0.14	0.12	0.16
1	Mainline	Southbound	0095X 11 TO 12	0.11	0.09	0.14		0.14	0.11	0.16
1	Mainline	Southbound	0095X 12 TO 13	0.09	0.08	0.11		0.14	0.09	0.16
1	Mainline	Southbound	0095X 13 TO 14	0.14	0.08	0.22		0.17	0.12	0.26
1	Mainline	Southbound	0095X 14 TO 15	0.14	0.09	0.19		0.18	0.14	0.24
1	Mainline	Southbound	0095X 15 TO 16	0.14	0.10	0.20		0.19	0.14	0.23
1	Mainline	Southbound	0095X 16 TO 17	0.14	0.12	0.19		0.21	0.18	0.25
1	Mainline	Southbound	0095X 17 TO 18	0.14	0.10	0.17		0.21	0.16	0.25
1	Mainline	Southbound	0095X 18 TO 19	0.13	0.09	0.19		0.19	0.14	0.26
2	Mainline	Southbound	0095S 19 TO 20	0.13	0.10	0.21		0.18	0.13	0.31
2	Mainline	Southbound	0095X 20 TO 21	0.15	0.10	0.20		0.21	0.16	0.29
2	Mainline	Southbound	0095X 21 TO 22	0.16	0.12	0.19		0.20	0.15	0.26
2	Mainline	Southbound	0095X 22 TO 23	0.16	0.13	0.20		0.20	0.14	0.25
2	Mainline	Southbound	0095X 23 TO 24	0.13	0.10	0.18		0.17	0.14	0.25
2	Mainline	Southbound	0095X 24 TO 25	0.12	0.10	0.14		0.15	0.13	0.18
2	Mainline	Southbound	0095X 25 TO 26	0.11	0.09	0.14		0.15	0.12	0.17
2	Mainline	Southbound	0095X 26 TO 27	0.11	0.10	0.13		0.16	0.14	0.18
2	Mainline	Southbound	0095X 27 TO 28	0.13	0.10	0.16		0.16	0.13	0.21
2	Mainline	Southbound	0095X 28 TO 29	0.13	0.10	0.17		0.17	0.14	0.20
2	Mainline	Southbound	0095X 29 TO 30	0.12	0.09	0.15		0.17	0.14	0.20
2	Mainline	Southbound	0095X 30 TO 31	0.12	0.10	0.15		0.17	0.13	0.23
2	Mainline	Southbound	0095X 31 TO 32	0.14	0.11	0.18		0.17	0.12	0.23
2	Mainline	Southbound	0095X 32 TO 33	0.12	0.09	0.22		0.15	0.10	0.24
2	Mainline	Southbound	0095X 33 TO 34	0.12	0.09	0.17		0.16	0.12	0.27
2	Mainline	Southbound	0095X 34 TO 35	0.13	0.10	0.17		0.21	0.17	0.26
2	Mainline	Southbound	0095X 35 TO 36	0.18	0.10	0.26		0.27	0.20	0.34
2	Mainline	Southbound	0095X 36 TO 37	0.20	0.15	0.27		0.31	0.23	0.40
2	Mainline	Southbound	0095X 37 TO 38	0.22	0.18	0.29		0.31	0.24	0.37
3	Mainline	Southbound	0095X 38 TO 39	0.24	0.15	0.33		0.31	0.25	0.42
3	Mainline	Southbound	0095X 39 TO 40	0.24	0.15	0.34		0.32	0.26	0.39

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
3	Mainline	Southbound	0095X 40 TO 41	0.26	0.17	0.34		0.32	0.21	0.45
3	Mainline	Southbound	0095X 41 to 42	0.28	0.21	0.40		0.28	0.21	0.37
3	Mainline	Southbound	0095X 42 to 43	0.24	0.18	0.32		0.26	0.21	0.34
3	Mainline	Southbound	0095X 43 to 44	0.26	0.18	0.36		0.24	0.11	0.34
3	Mainline	Southbound	0095X 44 to 45	0.26	0.16	0.39		0.29	0.17	0.43
3	Mainline	Southbound	0095X 45 to 46	0.32	0.12	0.50		0.30	0.15	0.41
3	Mainline	Southbound	0095X 46 to 47	0.33	0.11	0.58		0.34	0.14	0.68
3	Mainline	Southbound	0095X 47 to 48	0.37	0.20	0.53		0.41	0.15	0.60
3	Mainline	Southbound	0095X 48 to 49	0.39	0.19	0.75		0.40	0.24	0.67
3	Mainline	Southbound	0095X 49 to 50	0.34	0.10	0.58		0.43	0.14	0.59
3	Mainline	Southbound	0095X 50 to 51	0.37	0.11	0.53		0.43	0.19	0.69
3	Mainline	Southbound	0095X 51 to 52	0.17	0.10	0.39		0.19	0.14	0.37
3	Mainline	Southbound	0095X 52 to 53	0.13	0.11	0.17		0.16	0.14	0.21
4	Mainline	Southbound	0095X 53 to 54	0.13	0.10	0.16		0.16	0.14	0.19
4	Mainline	Southbound	0095X 54 to 55	0.24	0.11	0.51		0.32	0.15	0.84
4	Mainline	Southbound	0095X 55 to 56	0.45	0.15	0.76		0.59	0.15	0.95
4	Mainline	Southbound	0095X 56 to 57	0.43	0.14	0.75		0.60	0.13	0.89
4	Mainline	Southbound	0095X 57 to 58	0.40	0.32	0.54		0.47	0.40	0.60
4	Mainline	Southbound	0095X 58 to 59	0.35	0.18	0.53		0.44	0.28	0.63
4	Mainline	Southbound	0095X 59 to 60	0.38	0.30	0.46		0.45	0.33	0.57
4	Mainline	Southbound	0095X 60 to 61	0.35	0.20	0.52		0.43	0.33	0.71
4	Mainline	Southbound	0095X 61 to 62	0.40	0.27	0.49		0.44	0.25	0.58
4	Mainline	Southbound	0095X 62 to 63	0.34	0.11	0.46		0.43	0.17	0.60
4	Mainline	Southbound	0095X 63 to 64	0.28	0.16	0.40		0.41	0.26	0.72
4	Mainline	Southbound	0095X 64 to 65	0.35	0.25	0.45		0.44	0.30	0.60
4	Mainline	Southbound	0095X 65 to 66	0.34	0.28	0.40		0.45	0.38	0.50
4	Mainline	Southbound	0095X 66 to 67	0.32	0.17	0.79		0.38	0.19	0.51
5	Mainline	Southbound	0095X 67 to 68	0.25	0.12	0.55		0.32	0.15	0.50
5	Mainline	Southbound	0095X 68 to 69	0.21	0.13	0.39		0.27	0.13	0.43
5	Mainline	Southbound	0095X 69 to 70	0.15	0.13	0.17		0.14	0.13	0.16

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
5	Mainline	Southbound	0095X 70 to 71	0.15	0.13	0.17		0.15	0.13	0.17
5	Mainline	Southbound	0095X 71 to 72	0.16	0.14	0.19		0.14	0.12	0.18
5	Mainline	Southbound	0095X 72 to 73	0.17	0.14	0.20		0.15	0.13	0.18
5	Mainline	Southbound	0095X 73 to 74	0.17	0.15	0.19		0.15	0.12	0.18
5	Mainline	Southbound	0095X 74 to 75	0.16	0.13	0.19		0.16	0.13	0.26
5	Mainline	Southbound	0095X 75 to 76	0.24	0.13	0.37		0.23	0.14	0.37
5	Mainline	Southbound	0095X 76 to 77	0.32	0.25	0.44		0.36	0.28	0.43
5	Mainline	Southbound	0095X 77 to 78	0.32	0.22	0.46		0.42	0.25	0.63
5	Mainline	Southbound	0095X 78 to 79	0.27	0.16	0.41		0.28	0.17	0.38
5	Mainline	Southbound	0095X 79 to 80	0.24	0.13	0.38		0.26	0.17	0.46
5	Mainline	Southbound	0095X 80 to 81	0.16	0.10	0.37		0.21	0.15	0.35
5	Mainline	Southbound	0095X 81 to 82	0.32	0.15	0.61		0.32	0.15	0.49
5	Mainline	Southbound	0095X 82 to 83	0.39	0.30	0.51		0.46	0.36	0.56
5	Mainline	Southbound	0095X 83 to 84	0.38	0.28	0.50		0.44	0.34	0.58
5	Mainline	Southbound	0095X 84 to 85	0.38	0.29	0.59		0.44	0.33	0.56
5	Mainline	Southbound	0095X 85 to 86	0.27	0.18	0.38		0.31	0.17	0.44
6	Mainline	Southbound	0095X 86 to 87	0.29	0.19	0.72		0.32	0.22	0.57
6	Mainline	Southbound	0095X 87 to 88	0.30	0.21	0.38		0.35	0.30	0.51
6	Mainline	Southbound	0095X 88 to 89	0.24	0.17	0.38		0.28	0.16	0.36
6	Mainline	Southbound	0095X 89 to 90	0.20	0.17	0.26		0.21	0.15	0.27
6	Mainline	Southbound	0095X 90 to 91	0.16	0.11	0.26		0.21	0.18	0.26
6	Mainline	Southbound	0095X 91 to 92	0.14	0.12	0.17		0.20	0.18	0.23
6	Mainline	Southbound	0095X 92 to 93	0.15	0.12	0.25		0.21	0.17	0.27
6	Mainline	Southbound	0095X 93 to 94	0.19	0.15	0.23		0.25	0.22	0.30
6	Mainline	Southbound	0095X 94 to 95	0.19	0.15	0.24		0.24	0.21	0.29
6	Mainline	Southbound	0095X 95 to 96	0.17	0.14	0.22		0.23	0.18	0.28
6	Mainline	Southbound	0095X 96 to 97	0.21	0.17	0.29		0.24	0.18	0.33
6	Mainline	Southbound	0095X 97 to 98	0.24	0.19	0.42		0.29	0.24	0.39
6	Mainline	Southbound	0095X 98 to 99	0.37	0.27	0.47		0.37	0.29	0.44
6	Mainline	Southbound	0095X 99 to 100	0.34	0.18	0.44		0.30	0.17	0.42

MAINE TURNPIKE ANNUAL INSPECTION

2016

RUTTING

				LEFT				RIGHT		
Section	Roadway	Direction	Mile_Section	Average	Minimum	Maximum		Average	Minimum	Maximum
7	Mainline	Southbound	0095X 100 to 101	0.24	0.13	0.40		0.26	0.13	0.38
7	Mainline	Southbound	0095X 101 to 102	0.31	0.16	0.59		0.34	0.18	0.50
7	Mainline	Southbound	0095X 102 to 103	0.26	0.12	0.42		0.26	0.15	0.50
7	Mainline	Southbound	0095X 103 to 104	0.15	0.10	0.23		0.16	0.11	0.21
7	Mainline	Southbound	0095X 104 to 105	0.13	0.10	0.16		0.18	0.14	0.23
7	Mainline	Southbound	0095X 105 to 106	0.13	0.10	0.17		0.20	0.14	0.27
7	Mainline	Southbound	0095X 106 to 107	0.11	0.09	0.17		0.17	0.11	0.23
7	Mainline	Southbound	0095X 107 to 108	0.11	0.09	0.14		0.19	0.13	0.24
7	Mainline	Southbound	0095X 108 to 109	0.11	0.09	0.15		0.18	0.12	0.25
7	Mainline	Southbound	0095X 109 to 109.1	0.13	0.10	0.15		0.15	0.13	0.18
8	FalmouthSpur	Eastbound	0495W 0 to 1	0.11	0.06	0.23		0.14	0.08	0.31
8	FalmouthSpur	Eastbound	0495W 1 TO 2	0.08	0.07	0.15		0.10	0.07	0.19
8	FalmouthSpur	Eastbound	0495W 2 TO 3	0.12	0.07	0.30		0.17	0.08	0.57
8	FalmouthSpur	Eastbound	0495W 3 TO 3.8	0.10	0.08	0.30		0.11	0.07	0.51
8	FalmouthSpur	Westbound	0495X 0 to 1	0.14	0.07	0.37		0.13	0.07	0.26
8	FalmouthSpur	Westbound	0495X 1 TO 2	0.10	0.08	0.17		0.12	0.07	0.26
8	FalmouthSpur	Westbound	0495X 2 TO 3	0.10	0.08	0.13		0.11	0.08	0.16
8	FalmouthSpur	Westbound	0495X 3 TO 3.8	0.09	0.07	0.12		0.10	0.08	0.14